# **DEPARTMENT OF THE ARMY**

# **Procurement Programs**



Committee Staff Procurement Backup Book FY 2002 Amended Budget Submission

OTHER PROCUREMENT, ARMY Tactical and Support Vehicles

**Budget Activity 1** 

**APPROPRIATION** 

# **Unit Set Fielding**

## Notification

The Army is committed to displaying future budget requests in Unit Set Fielding format. We will move toward this type of display beginning with our FY03 budget request.

The display of Unit Set Fielding will define a capability vice a piece of equipment.

# Unit Set Fielding Definition

Unit Set Fielding (USF) is the process that modernizes and transforms the Army **by unit sets** primarily at brigade and division levels. The USF schedule synchronizes the fielding of new and upgraded systems, along with supporting enablers, to units in specified windows of generally 6 months per brigade. The intent of this process is to field systems and enablers in sets to provide increased unit operational capability that supports the Army Vision and priorities established by the Army. This approach shifts the focus away from development and fielding of individual systems and to integrated combat capabilities. In order to effectively accomplish USF, the scope of synchronization extends to encompass requirements for manning units, training those units, sustaining those units, and includes installation requirements in support of unit requirements. USF is fully integrated into the Army Transformation Campaign Plan and is clearly the most effective means to synchronize the development and fielding of interim brigades and the objective force of the future.

The Army will work with Congress as we develop Unit Set Fielding displays to assure all required information is included

# Table of Contents - Other Procurement, Army

BLIN	SSN	Nomenclature	Page
1	DA0100	TACTICAL TRAILERS/DOLLY SETS	1
2	D01001	SEMITRAILERS, FLATBED:	13
3	D02001	SEMITRAILERS, TANKERS	27
4	D04800	SEMITRAILER VAN CGO SUPPLY 12T 4WHL M129A2C	45
5	D15400	HI MOB MULTI-PURP WHLD VEH (HMMWV)	51
6	D16001	TRUCK, DUMP, 20T (CCE)	61
7	D15500	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	67
8	D15800	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT	75
9	DA0500	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	87
10	D02800	ARMORED SECURITY VEHICLES (ASV)	115
11	DA0600	TRUCK, TRACTOR, LINE HAUL, M915/M916	121
12	D15901	TOWING DEVICE, 5TH WHEEL	132
13	D16000	TRUCK, TRACTOR, YARD TYPE, M878 (C/S)	133
14	DV0021	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG	138
15	DV0011	LINE HAUL ESP	144
16	DA0924	MODIFICATION OF IN SVC EQUIP	150
17	DL5110	ITEMS LESS THAN \$5.0M (TAC VEH)	177
18	D22100	HEAVY ARMORED SEDAN	178
19	D23000	PASSENGER CARRYING VEHICLES	179
20	D30000	NONTACTICAL VEHICLES, OTHER	180

# \*\*\* UNCLASSIFIED \*\*\* **DEPARTMENT OF THE ARMY** FY 2002 PROCUREMENT PROGRAM President's Budget 2002/2003

**EXHIBIT P-1** DATE: 03-Jul-2001 15:31

APPROPR	IATION Other Procurement, Army ACTIVITY 01 Tactical and support v	rehicles		DOLLARS IN T			EV	0000
LINE NO	ITEM NOMENCLATURE	ID	QTY	2000 COST	FY 2 QTY	COST	QTY	2002 COST
	TACTICAL VEHICLES							
1	TACTICAL TRAILERS/DOLLY SETS (DA0100)	Α		29341		5746		3723
2	Semitrailers, Flatbed: (D01001)			7741		6883		29317
3	Semitrailers, tankers (D02001)		168	27155	376	49763		6664
4	SEMITRAILER VAN CGO SUPPLY 12T 4WHL M129A2C (D04800)	A	94	7487	69	6091	95	7300
5	HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)			91302		136781		130821
6	TRUCK, DUMP, 20T (CCE) (D16001)		62	13050	19	5160	30	8078
7	FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)			423614		471199		467386
8	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT (D15800)			7442		15882		5024
9	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) (DA0500)			192591		209701		157633
10	ARMORED SECURITY VEHICLES (ASV) (D02800)		10	8013	21	14817	20	14483
11	TRUCK, TRACTOR, LINE HAUL, M915/M916 (DA0600)			45482		43586		47507
12	Towing Device, 5th Wheel (D15901)						34	2013
13	TRUCK, TRACTOR, YARD TYPE, M878 (C/S) (D16000)	A	15	1952			35	4003
14	HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV PROG (DV0021)		126	17601	85	26322	169	31304
15	LINE HAUL ESP (DV0011)	Α	135	10086	343	26807	240	18515
16	MODIFICATION OF IN SVC EQUIP (DA0924)	•		31525		42021		49184
17	ITEMS LESS THAN \$5.0M (TAC VEH) (DL5110)			1551		2828		1903
	SUB-ACTIVITY TOTAL		-	915,933	_	1,063,587	•	984,858

# \*\*\* UNCLASSIFIED \*\*\* **DEPARTMENT OF THE ARMY FY 2002 PROCUREMENT PROGRAM**

President's Budget 2002/2003

APPROPRIATION Other Procurement, Army **ACTIVITY** 01 Tactical and support vehicles **DOLLARS IN THOUSANDS** FY 2000 FY 2001 FY 2002 ID QTY COST QTY COST LINE NO ITEM NOMENCLATURE COST QTY **NON-TACTICAL VEHICLES** 6 18 **HEAVY ARMORED SEDAN (D22100)** 3 585 1152 3 585 19 PASSENGER CARRYING VEHICLES (D23000) 562 693 1115 20 NonTactical Vehicles, Other (D30000) 36 30032 36 53 5458 7591 SUB-ACTIVITY TOTAL 31,179 9,436 7,158 **ACTIVITY TOTAL** 1,073,023 992,016 947,112

**EXHIBIT P-1** 

DATE: 03-Jul-2001 15:31

# **Exhibit P-1M, Procurement Programs - Modification Summary**

System/Modification	2000 & Prior	2001	2002	2003	2004	<u>2005</u>	<u>2006</u>	<u>2007</u>	To Complete Total Program
MODIFICATION OF IN SVC EQUIP (DA0924)									
HMMWV 3PT Seatbelt	23.4	1.0	5.9						
M939 Tire Improvement	13.0	9.7	8.1						
M939 Anti-Lock Brake System	25.0	17.9	20.7						
M939 Stainless Steel Cab									
HMMWV Rear Differential Oil Cooler			3.3						
HMMWV B-Pillar Pad									
Armored HMMWV B-Pillar Pad									
HMMWV Geared Hub Locknut Washer									
HEMTT Wheel Modification			11.1						
HETS Air Conditioning	1.0								
A8020 Fuel Injection Test Stand Upgrade	1.0	6.0							
Aluminum Mesh Liner		7.5							
Total	63.4	42.0	49.1						
Grand Total	63.4	42.0	49.1						

Exh	ibit P-40	, Budge	t Item J	ustifica	tion She	eet	D	ate:	J	Tune 2001					
Appropriation/Budget Acti Other Procurement, Army /1/T.		PPORT VEHICLI	ES			P-1 Item Nom TAO		AILERS/DOLLY	Y SETS (DA0	100)					
Program Elements for Code	e B Items:			Code: A	Other Relate	ed Program Ele	ements:								
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog			
Proc Qty	188594	997													
Gross Cost	531.7	12.7	29.3	5.7	3.7	3.7									
Less PY Adv Proc	0.0	0.0	0.0	0.0	0.0										
Plus CY Adv Proc	0.0	0.0	0.0	0.0	0.0										
Net Proc (P-1)	531.7	12.7	29.3	5.7	3.7										
Initial Spares															
Total Proc Cost	531.7	12.7	29.3	5.7	3.7										
Flyaway U/C															
Wpn Sys Proc U/C															

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

This is a roll-up of various tactical trailers and dolly sets which are used for such missions as transporting generators, shelters, drinking water, ammunition and general cargo. Prime movers for these trailers range from the Commercial Utility Cargo Vehicle (CUCV) to the 10-Ton M977 series Heavy Expanded Mobility Tactical Truck (HEMTT).

#### **Justification:**

FY02 funding supports Army National Guard Multiple Launch Rocket System (MLRS) requirement for the Heavy Expanded Mobility Ammunition Trailer (HEMAT).

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL A	nent. Army / 1	1/			tem Nomenclature TRAILERS/DOLLY			Weapon System	Гуре:	Date: June 2	001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
HIGH MOBILITY TRAILER (D06700) HEAVY, EXPANDED MOBILITY (D05700) TRAILER, CARGO, 3/4T, 2W, M101A2 W/E (D06200) CARGO, 1 1/2T, 2W, M105A2 (D06400)	A A A A A	31 7057 12284 4979 4990	120	102	4753 993	42	113						
Total		29341			5746			3723					

Exh	ibit P-40	, Budge	et Item J	ustifica	tion Sho	eet	Ι	Pate:	J	Tune 2001				
Appropriation/Budget Act		PPORT VEHICL	ES			P-1 Item Non TRA		VY, EXPANDE	ED MOBILITY	7 (D05700)				
Program Elements for Cod	le B Items:			Code:	Other Relat	ed Program El	ements:							
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog		
Proc Qty	1642													
Gross Cost	28.9		12.3	4.8	3.7									
Less PY Adv Proc														
Plus CY Adv Proc	0.0													
Net Proc (P-1)	28.9		12.3	4.8	3.7									
Initial Spares														
Total Proc Cost	28.9		12.3	4.8	3.7									
Flyaway U/C														
Wpn Sys Proc U/C														

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The Heavy Expanded Mobility Ammunition Trailer (HEMAT) is a 11-Ton lunette trailer used to transport Multiple Launch Rocket System (MLRS) pods, general ammunition pallets, 2 each 600-gallon aircraft fuel pods, 4 each Hellfire missile pallets, 500-gallon rubber fuel bladders, and other similar cargo. The HEMAT travels over cross-country and highway up to 55 miles per hour. The prime movers are the M977 series HEMTT 10-Ton trucks. The HEMAT is transportable in C130, C141, and C5 aircraft and is marine and rail transportable. This unique trailer must meet rough terrain requirements in the resupply mode. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

#### **Justification:**

FY02/03 procures Multiple Launch Rocket System (MLRS) for the Army National Guard. The Army Acquisition Objective (AAO) is 2,465.

OPA1 ID COST Elements CT		FY 00										
Cost Elements CI	TotalCost				FY 01			FY 02			FY 03	
		Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
HEMAT Trailer Hardware FRET	9080 1090	120	76	2974 357	49	61	2962 356	48	62			
SubTotal	10170			3331			3318					
2. ECPs	413			296			89					
Testing     System Fielding Support	830 120			75 499			134					
5. Documentation	117			105			134					
6. Engineering Support	188			104			50					
7. Quality Assurance Support 8. PM Support	446			343			132					
Total	12284			4753			3723					

Exhibit P-5a, Budget Procurer	ment History and Planning				n			Date: J	une 2001	
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND SUPPO	ORT VEHICLES	Weapon Syste	ет Туре:		P-1 Line It TRAILER, HE		elature: ED MOBILITY (D0:	700)		
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Is: Date
1. HEMAT Trailer Hardware										
FY 2000	Systems & Electronics, Inc. St. Louis, MO	SS/FFP	TACOM, Warren, MI	Mar 00	Dec 00	120	76	Yes	N/A	N/A
FY 2001	Systems & Electronics, Inc. St. Louis, MO	Option	TACOM, Warren, MI	Jan 01	Jun 02	49	61	Yes	N/A	N/A
FY 2002	Systems & Electronics, Inc. St. Louis, MO	SS/FFP	TACOM, Warren, MI	Jan 02	Apr 02	48	62	Yes	N/A	N/A
EMARKS:	'		•							

Exh	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	Г	ate:	J	une 2001					
Appropriation/Budget Acti Other Procurement, Army /1/T.		PPORT VEHICLE	ES			P-1 Item Non LIG		AL TRAILER (	D06700)						
Program Elements for Code	e B Items:			Code: A	Other Relate	ed Program El	ements:								
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog			
Proc Qty	4530	586													
Gross Cost	46.3	10.3	7.1												
Less PY Adv Proc	0.0	0.0	0.0	0.0	0.0										
Plus CY Adv Proc	0.0	0.0	0.0	0.0	0.0										
Net Proc (P-1)	46.3	10.3	7.1												
Initial Spares															
Total Proc Cost	46.3	10.3	7.1												
Flyaway U/C															
Wpn Sys Proc U/C 0.0															

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The High Mobility Trailer (HMT) is a family of high mobility companion trailers for the High Mobility Multipurpose Wheeled Vehicle (HMMWV). The HMT is compatible with both the light (Group I/II) and heavy (Group III) HMMWV variants. These HMMWV variants require an HMT family of trailers (light, heavy, and heavy chassis) to make full use of HMMWV's towing capabilities. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

#### Justification:

The HMT replaces the M101 Series trailer on an attrition basis and supports Interchange Customers, and is used by Combat, Combat Support and Combat Service Support units. Other Customers include Project Manager (PM) Mobile Electric Power, Communications Electronics Command (CECOM), Special Operations Command (SOCOM), Air Transport Command (ATC), Deputy Chief of Staff for Logistics (DCSLOG), PM Warfighter Information Network-Tactical (WIN-T), Army Research Lab, US Air Force and Foreign Military Sales. The HMT is required to improve off-road mobility and increase payload over the present M101 series 3/4-ton trailers. It will be used in support of communication systems hauling Tactical Quiet Generators. FY00 funding supports the procurement of retrofit kits (Drawbars, Cross Members, Bumpers) and Brake Actuator fixes. The Army Acquisition Objective (AAO) is 25,112.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL Al	udget Activ nent, Army / I ND SUPPOR	rity/Serial No. I / T VEHICLES		P-1 Line I LIGHT TAG	tem Nomenclatur CTICAL TRAILER	e: (D06700)		Weapon System	Туре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
<b>Cost Elements</b>	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Kits Testing Documentation Engineering Support (In-House) Project Management Support		6053 307 22 225 450											
Total		7057											

Exhi	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	D	ate:	J	June 2001		
Appropriation/Budget Activ Other Procurement, Army /1/TA		JPPORT VEHICLI	ES			P-1 Item Non SEI		F-LOAD TRAI	LER (SLOT)	(DA0101)		
Program Elements for Code	B Items:			Code:	Other Relat	ed Program El	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty												
Gross Cost		2.3	5.0									
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)		2.3	5.0									
Initial Spares												
Total Proc Cost												
Flyaway U/C												
Wpn Sys Proc U/C												

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The Self-Loading/Off-Loading Trailer (SLOT) is a multifunctional trailer with the capability to self-load/off-load and transport operable and inoperable Wheeled, Tracked Vehicles, Material Handling Equipment (MHE), Engineer Construction Equipment (ECE) and other cargo and up to the vehicle payload capacity. These vehicles shall operate world wide, both on and off road, under all weather conditions. The SLOT shall augment M870 semi-trailers used in engineer construction, quarry, and bridging units identified to transport the Hydraulic Excavator (HYEX) and unit organic cargo and equipment as needed for payloads up to 40-tons. The M916 series tractor is the intended prime mover. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

#### Justification:

FY99/00 funds are Congressional Plus Ups.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL Al	udget Activ nent, Army / 1 ND SUPPOR	ity/Serial No. / r vehicles		P-1 Line I SELF-LOA	tem Nomenclatur D/OFF-LOAD TRA	e: ILER (SLOT) (DA0	101)	Weapon System	Туре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Vehicle Testing(IPT) System Technical Support Engineering Support Quality Assurance Support Project Management Support		4446 340 65 139	57	78									
Total		4990											

Exhibit P-5a, Budget Procurement His	tory and Planning							Date: Jı	une 2001	
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND SUPPORT VEHICLE:	3	Weapon System	m Type:		P-1 Line Ite SELF-LOAD/O		lature: ILER (SLOT) (DA010	01)		
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Vehicle     FY 1999     FY 2000		C/FP Option	TACOM TACOM	JUL 01 JUL 01	NOV 01 Oct 02	62 57	82 78	No No		Nov 00
REMARKS:										

	FY 00 / 01 BUDGET PR	ROD	UCTION	SCH	IEDUL:	E			Item N F-LOA				TRAI	LER	(SLO	T) (D	A010	01)						Date:			Jun	e 2001				
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	FY 02 / 03 BUDGET PF	ROD	UCTION	SCH	I <b>EDU</b> L	E					nclatur FF-LC		TRAI	LER (	(SLOT	`) (DA	.0101	1)						Date			Jui	ne 200	01				
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F							REACHED	Nun	nber					Pric	or 1 Oct	t	Afte	er 1 Oc	t	Af	ter 1 (	Oct	Α	After 1	Oct								
R	NAME/LOCATION		MIN.	1	1-8-5	MAX.	D+	1		INIT					24			4			5			9		4							
1	TBS		5.00		11.00	12.00	5				RDER		_		0			4	_		8			12		4							
Ш										INIT		_	_			_			_							4							
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										KEO.	KDEK																						

Exh	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	Da	ite:	J	une 2001	_	
Appropriation/Budget Act Other Procurement, Army /1/T		IPPORT VEHICLE	ES			P-1 Item Non SEN		, FLATBED: (1	D01001)			
Program Elements for Cod	le B Items:			Code:	Other Relat	ed Program Ele	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	17666	105	195	89	780							
Gross Cost	293.2	5.7	7.7	6.9	29.3							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	293.2	5.7	7.7	6.9	29.3							
Initial Spares												
Total Proc Cost	293.2	5.7	7.7	6.9	29.3							
Flyaway U/C												
Wpn Sys Proc U/C												

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

- 1. The M870A3 Semi-trailer lowbed is a 40-Ton hydraulic detachable system capable of handling payloads up to 80,000 pounds on Primary, Secondary, and Trail profiles. The semi-trailer is a 45-foot long, 102-inch wide multi-axle state-of-the-art trailer with vehicle front end loading capability, dual 12/24 volts electrical system including Light Emitting Diode (LED) lights and is equipped with 12-inch over width extensions to expand the trailer width to 126-inches. The semi-trailer connected to its prime mover's via either a 2 or 3.5-inch king pin assembly. The trailer is not equipped with a self-contained hydraulic system. The trailer hydraulics will be provided via the prime mover by the installation of a quick disconnect kit to be provided by the Material Developer during vehicle deprocessing activities.
- 2. The Semi-trailer, Flatbed/Break Bulk (FB/BB) Container Transporter 22 ½-Ton, is a tactical, dual purpose, bulk and container transporter. The semi-trailer will be used within Continental United States (CONUS), and Outside the Continental United States (OCONUS) military logistics support system theaters to transport 20' International Standard Organization (ISO) Containers on line haul missions and are the primary means of distributing containers and bulk cargo. It will be employed by military 5-Ton and Family of Medium Tactical Vehicles tractors for use over primary, secondary, and unimproved secondary roads or military adapted commercial line haul series tractors over primary roads.
- 3. The M872 Semi-trailer Dual Purpose, Break Bulk/Container Transporter 34-Ton, 40-Feet is required for line haul and local haul of break bulk cargo and fully loaded ISO containers up to 40-feet in length within an overseas theater of operations from the port area to as far forward as the corps general support supply activities. Normal employment will be over preprimary and improved secondary roads in conjunction with the military adapted commercial 6X4 line haul tractor.

Exhibit P-40C, Budget Item Justification Sheet				Date: June 2001
Appropriation/Budget Activity/Serial No: Other Procurement, Army /1/TACTICAL AND SUPPORT VEHICLES			P-1 Item Nomenclature	SEMITRAILERS, FLATBED: (D01001)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
The semi-trailer will have a maximum rated payload of 68,000 pounds and	l will be capa	able of a dail	y operating range of at lea	st 300 miles at sustained speeds of 50-60 miles per hour.
These systems support the Legacy transition path of the Transformation C	ampaign Pla	n (TCP).		
<b>Justification:</b> Funding in FY02 will fill shortages in units to support transportation of va	rious cargo a	and equipme	nt.	

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL A	tudget Activ nent, Army / 1 ND SUPPOR	ity/Serial No.   / T VEHICLES		P-1 Line I SEMITRAI	tem Nomenclature LERS, FLATBED: (	e: D01001)		Weapon System	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
<b>Cost Elements</b>	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Semitrl LB 40T M870A1 Semitrl FB BB/Cont Tr 34T M872 Semitrl FB BB/Cont Tr 221/2T M871A2		664 7077	195	36	1895 4988		79 77	17208		35			
T 4.1		77.1			(003			20217					
Total		7741			6883			29317					

Exh	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	Ι	Pate:	J	une 2001		
Appropriation/Budget Acti Other Procurement, Army /1/T.		JPPORT VEHICLI	ES			P-1 Item Non SEN		LB 40T M870 <i>A</i>	A1 (CCE) (D00	700)		
Program Elements for Code	e B Items:			Code:	Other Relate	ed Program El	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	1930	41		24	27							
Gross Cost	37.9	3.1	0.7	1.9	1.9							
Less PY Adv Proc	0.0	0.0	0.0	0.0	0.0							
Plus CY Adv Proc	0.0	0.0	0.0	0.0	0.0							
Net Proc (P-1)	37.9	3.1	0.7	1.9	1.9							
Initial Spares												
Total Proc Cost	37.9	3.1	0.7	1.9	1.9							
Flyaway U/C												
Wpn Sys Proc U/C		0.1		0.1	0.1							

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The M870A3 Semi-trailer Lowbed (LB) is a 40-Ton hydraulic detachable system capable of handling payloads up to 80,000 pounds on Primary, Secondary, and Trail profiles. The semi-trailer is a 45-foot long, 102-inch wide multi-axle state-of-the-art trailer with vehicle front end loading capability, dual 12/24 volts electrical system including Light Emitting Diode (LED) lights and is equipped with 12-inch over width extensions to expand the trailer width to 126-inches. The semi-trailer connected to its prime mover's via either a 2 or 3.5-inch king pin assembly. The trailer is not equipped with a self-contained hydraulic system. The trailer hydraulics will be provided via the prime mover by the installation of a quick disconnect kit to be provided by the Material Developer during vehicle deprocessing activities.

#### Justification:

This funding in FY02 and FY03 will fill 78% of the Army Acquisition Objective (AAO) shortage in concert with supporting the Total Army Analysis (TAA)-07. The 40-Ton Semi-trailer LB is the primary hauler of engineer equipment worldwide. The Army Acquisition Objective is 2,641. It carries such diverse loads as rollers and forklifts, cranes, graders, various sizes dozers and paving machines as well as general construction materials of all types. Current assets are more than 591 vehicles short of the Army Acquisition Objective through FY03. The semi-trailer will fill requirements for the TAA-07 Truck Company Plus Up.

Exhi	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	D	ate:	J	June 2001		
Appropriation/Budget Activ Other Procurement, Army /1/TA		JPPORT VEHICLI	ES			P-1 Item Non SEN		FB BB/CONT	ΓRANS 22 1/2	T (D01500)		
Program Elements for Code	e B Items:			Code:	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	5867	64	195	65	257							
Gross Cost	96.1	2.6	7.1	5.0	10.2							
Less PY Adv Proc	0.0	0.0	0.0	0.0	0.0							
Plus CY Adv Proc	0.0	0.0	0.0	0.0	0.0							
Net Proc (P-1)	96.1	2.6	7.1	5.0	10.2							
Initial Spares												
Total Proc Cost	96.1	2.6	7.1	5.0	10.2							
Flyaway U/C												
Wpn Sys Proc U/C		0.0	0.0	0.1	0.0							

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The M871A3 Semi-trailer, Flatbed/Break Bulk (FB/BB) Container Transporter 22 ½-Ton, is a tactical, dual purpose, bulk and container transporter. The semi-trailer will be used within Continental United States (CONUS), and Outside the Continental United States (OCONUS) military logistics support system theaters to transport 20' International Standard Organization (ISO) Containers on line haul missions and are the primary means of distributing containers and bulk cargo. It will be employed by military 5-Ton and Family of Medium Tactical Vehicles tractors for use over primary, secondary, and unimproved secondary roads or military adapted commercial line haul series tractors over primary roads.

#### **Justification:**

FY02 and FY03 funding fills approximately 66% of the Army's Acquisition Objective of 10,358 for the Semi-trailer FB/BB Container Transporter 22 ½-Ton, which is an authorized worldwide (CONUS/OCONUS) transporter within military logistics system of ISO Containers. Besides hauling ammunition and general cargo, the Semi trailer FB/BB Container Transporter 22 ½-Ton is primary transporter of the 3,000-gallon reverse Osmosis Water Purification Units (ROWPU) and the Laundry Advanced System (LADS). The Semi-trailer FB/BB Container Transporter 22 ½-Ton is employed by military standard 5-Ton and FMTV tractors for use over primary, secondary, and unimproved secondary roads, and by the military adapted commercial Line Haul series tractors. This model trailer corrects problems of the fielded model with load height bridge clearance and mating with the FMTV. Without this new model, containerized loads may be required to bypass supply routes inhibiting mission completion.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL A	nent, Army / 1	1/			tem Nomenclature LER FB BB/CONT		)1500)	Weapon System	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Vehicle FET Testing - PVT System Technical Spt Engineering Support Quality Assurance Program Management System Fielding Required changes to prior year undelivered procurements (DA DCSOPS directed)		4908 669 554 150 175 40 313 268	195	25	2010 241 55 55 50 55 186 50 2286		31	8224 987 247 40 150 20 277 263	257	32			
Total		7077			4988			10208					

	urement History and Planning	W. G.	T.		D.L.	N.	1	Date: J	une 2001	
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND	SUPPORT VEHICLES	Weapon Syste	em Type:		P-1 Line It		elature: TRANS 22 1/2 T (De	01500)		
VBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issu Date
Vehicle										
FY 2000	Fontaine GSA	MIPR	GSA	Feb 00	Sep 01	195	25	Yes	N/A	
FY 2001	Fontaine GSA	MIPR	GSA	Mar 01	Sep 01	53	31	Yes	N/A	
FY 2001 FY 2002	TBS TBS	C/FP C/FP	TACOM TACOM	Jul 01 Dec 01	Oct 02 Apr 02	12 257	31 32	Yes Yes	N/A N/A	Aug 0
EMARKS:										

	FY 00 / 01 BUDGET PR	OD	UCTION	SCH	I <b>EDU</b> L	E			Item N IITRA				ONT T	ΓRAN	IS 22	1/2 T	(D0	1500)						Date:			Jun	e 2001				
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Ve	ehicle												$\dashv$			$\dashv$																
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		2	FY 01	A	12	0	12																						A			12
		1	FY 01	A	53	0	53																		Α	1					15	38
		2	FY 02	A	257	0	257																									257
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F							REACHED	Nur	nber					Pri	ior 1 Oc	ct	At	fter 1 C	Oct	At	fter 1 (	Oct	A	fter 1	Oct	4						
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+		1	INIT					0			9			8			17		1						
1	Fontaine, GSA		15.00		75.00	100.00	10				RDER		_		0			4			5			9		4						
2	TBS		15.00		75.00	100.00	10	:	2	INIT		_	_		0			2			4			6		4						
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				S	PROC	ACCEP	BAL			_					Cale	endar	Yea	r 02								Calen	dar '	Year (	3			L A
	COST ELEMENTS	M F R	FY	S E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Т
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		2	FY 01	A	12	0	12													6	6	,										0
		1	FY 01	A	53	15	38	15	15	8																						0
		2	FY 02	A	257	0	257			Α				40	40	40	40	40	40	9	8											0
То	otal				517	25	492	25	40	33	25	25	25	60	55	55	40	40	40	15	14											
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R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+			INITI	IAL				0			9			8			17								
1	Fontaine, GSA		15.00		75.00	100.00	10	1		REO	RDER				0			4			5			9		1						
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Exhi	ibit P-40	, Budge	et Item J	ustifica	tion Sho	eet	Ι	Date:	J	June 2001		
Appropriation/Budget Activ Other Procurement, Army /1/TA		JPPORT VEHICL	ES			P-1 Item Non SEN		FB BB/CONT	ΓR 34T M872	C/S (D01600)		
Program Elements for Code		Code:	Other Relate	ed Program Ele	ements:							
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	9869				496							
Gross Cost	159.2				17.2							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	159.2				17.2							
Initial Spares												
Total Proc Cost	159.2				17.2							
Flyaway U/C												
Wpn Sys Proc U/C					0.0							

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The M872 Semi-trailer Dual Purpose, Break Bulk/Container Transporter, 34-ton, 40-foot is required for line haul and local haul of break bulk cargo. This semi-trailer can fully load ISO containers up to 40-feet in length. These containers can originate from an overseas theater of operation's port area for delivery as far forward as the corps general support supply activities. Normal employment will be over primary and improved secondary roads in conjunction with the military adapted commercial 6x4 line haul tractor. The semi-trailer will have a maximum rated payload of 68,000 pounds and will be capable of a daily operating ranged of at least 300 miles at sustained speeds of 50-60 miles per hour.

#### **Justification:**

FY02 and FY03 funding is required to support the transportation of cargo and equipment throughout the world. Military and commercial containers up to 40-feet in length and maximum allowable Gross Vehicle Weights up to 68,000 pounds will be used extensively to move military from CONUS installations to Port of Embarkation and from Ports of Debarkation forward to battlespace. Semi-trailers capable of transporting large cargo sizes and weights at relatively high speeds will be required for the rapid line haul transport of these containers within the theater. Current AAO is 8.245.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/E Other Procurer TACTICAL A	ment Army /	1/			tem Nomenclatur LER FB BB/CONT	e: TR 34T M872 C/S (I	D01600)	Weapon System	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
<b>Cost Elements</b>	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Vehicle Federal Retail Excise Tax Testing - PVT System Technical Support Engineering Support Quality Assurance Program Management System Fielding								14257 1944 350 300 110 40 100 107	496	29			
Total								17208					

Exhibit P-5a, Budget Procurement History and Planning													
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND SUPPORT VEHICLES	S	Weapon Syster	m Type:		P-1 Line Ite		lature: TR 34T M872 C/S (D	01600)					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date			
Vehicle FY 2002	TBS	C/FP REQ5	TACOM, Warren, MI	APR 02	AUG 02	496	29	No					
REMARKS:													

	FY 02 / 03 BUDGET PRODUCTION SCHEDULE										nclatur LFB B		ONT T	TR 34	T M87	72 C/	S (D(	01600	)				-	Date:			Jun	e 200	1			
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M			PR	ODUCTI	ON RATES			M	FR						ADM	IINLE	AD T	IME			MFR			TOTA	ΛL	R	EMAR	RKS				
F							REACHED	Nur	nber					Pri	or 1 Oc	ct	Af	ter 1 O	ct	Af	fter 1 (	Oct	A	fter 1	Oct	1						
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+			INIT					0			6			4			10		4						
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F							REACHED	Nur	nber					Pr	ior 1 O	ct	A	fter 1 C	Oct	A	fter 1	Oct	Α	fter 1	Oct	4						
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+		1	INIT					0			6			4			10								
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Exhi	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	D	ate:	J	Tune 2001		
Appropriation/Budget Activ Other Procurement, Army /1/TA		PPORT VEHICLI	ES			P-1 Item Nom SEN		, TANKERS (I	002001)			
Program Elements for Code	e B Items:			Code:	Other Relate	ed Program El	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	4369	100	349	712	61							
Gross Cost	257.3	6.1	27.2	49.8	6.7							
Less PY Adv Proc	0.0	0.0	0.0	0.0	0.0							
Plus CY Adv Proc	0.0	0.0	0.0	0.0	0.0							
Net Proc (P-1)	257.3	6.1	27.2	49.8	6.7							
Initial Spares												
Total Proc Cost	257.3	6.1	27.2	49.8	6.7							
Flyaway U/C												
Wpn Sys Proc U/C												

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

- 1. Semi-trailer Tank 5000G The 5000G is a low profile bulkhaul semi-trailer designed to transport/dispense gasoline, diesel, and aviation fuels. The M900 series is comprised of the M967A1 bulkhauler, the M969A2 automotive refueler, and the M970A1 under/over wing aircraft refueler. When empty, these semi-trailers are air transportable on C130, C141, C17, and C5A aircraft. These semi-trailers are designed to be towed by a truck tractor equipped with a fifth wheel. Authorized primer movers for highway and cross-country include the 5-ton truck tractor and FMTV tractor. For highway only, the 10-ton military adapted commercial 6X4 truck tractors (M915A1/A2) are authorized. All future procured M900 series semi-trailers will be transportable at gross vehicle weight (fully loaded) above strategic sealift ships due to an improved tie down system. Features of the semi-trailer include a stainless steel, single compartment tank of 5000G capacity, plus 3 percent capacity provided for expansion of the fuel, top and bottom loading capacity, an automotive overflow shutoff device and gravity discharge capability. The semi-trailer is equipped with a four-cylinder diesel engine and pump assembly, full aloating tandem azles, manually operated landing gear, radial tires, a fuel capacity measuring device and a vapor recovery system/kit. The end adapter of the vapor recovery system/kit is compatible with a four-inch quick disconnect field connection, such as those used at fuel depots. All future 900 series semi-trailers will be equipped with an anti-lock braking system.
- 2. Semi-trailer Tank, 7500G Bulkhaul. The 7500G will transport petroleum products from the source (e.g. Communication Zone (COMMZ) and Rear corp. areas), the Forward Division area(s) where the fuel is transferred into tactical refueling systems for retail distribution into combat and services support vehicles, aircraft and other ground equipment. These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

#### Justification:

1.

Exhibit P-40C, Budget Item Justification Sheet				Date: June 2001
Appropriation/Budget Activity/Serial No: Other Procurement, Army/1/TACTICAL AND SUPPORT VEHICLES			P-1 Item Nomenclature	SEMITRAILERS, TANKERS (D02001)
Program Elements for Code B Items:	Code:	Other Related	Program Elements:	
Semi-trailer Tank 5000G - The funding in FY02 will fill 90% of the short. This TAA-07 process recognized that a severe shortage of petroleum distr	ages to the A	army Acquisi onnel and equ	tion Objective (AAO) of suppose the curre	5,432 in concert with supporting the Total Army Analysis (TAA)-07. Int Army force structure.
2. Semi-trailer Tank 7500G - Funding will fill 19% of the Army Acquisiti distribution equipment problem, many petroleum related units were added	on Objective to the Army	e (AAO) of 2 y's force struc	,883 in concert with supporture in the Active, Reserv	orting the Total Army Analysis (TAA)-07. To correct the petroleum re and National Guard Components.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL A	nent Army / 1	1/			tem Nomenclature LERS, TANKERS (I			Weapon System	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
<b>Cost Elements</b>	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Semitrl Tank 5000G Bulkhaul Semitrl Tank, 7500G Bulkhaul Semitrl Tank, 7500G Bulkhaul		12933 4224 9998	143 38 168	90 111 60	26529 3407 19827	307 29 376	86 117 53	6664					
Total		27155			49763			6664					

Exh	ibit P-40	, Budge	et Item J	ustifica	tion Sh	eet	Г	ate:	J	une 2001		
Appropriation/Budget Act Other Procurement, Army /1/7		PPORT VEHICL	ES			P-1 Item Nom SEN		TANK , 5000G	, BULKHAUL	(D02304)		
Program Elements for Coc	le B Items:			Code: A	Other Relat	ed Program El	ements:					
	Prior Years         FY 1999         FY 2000         FY 2001         FY 2002         FY 2003         FY 2004         FY 2005         FY 2005											Total Prog
Proc Qty	1418		143	307								
Gross Cost	67.5		12.9	26.5								
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	67.5		12.9	26.5								
Initial Spares												
Total Proc Cost	67.5		12.9	26.5								
Flyaway U/C												
Wpn Sys Proc U/C												

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The M967A1 5000G fuel tanker semi-trailer performs bulk fuel hauling from Corps to Division Main Supply battalions. The M967A1 tanker is found primarily in Transportation Medium Truck Companies, Petroleum, assigned to the Quartermaster battalion. It is equipped primarily for bulk delivery of fuel. These semi-trailers do not have the dispensing capability of the M969A2 semi-trailers, but are equipped with a four-cylinder diesel engine and four-inch centrifugal pump. The self-priming, low head pump provides a self-load rate of up to 300-gallons per minute and bulk delivery rate up to 600-gallons per minute. These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

#### **Justification:**

Funding thru FY01 will fill 69% of the Army Acquisition Objective (AAO) of 2,715 in concert with supporting the Total Army Analysis (TAA)-07 for the Semi trailer, Bulkhaul. The remaining petroleum distribution requirement will be filled by Tank Rack and Hoseline Systems.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL A	nent Army / 1	1/			tem Nomenclature LER TANK , 5000G		2304)	Weapon System	Туре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
<b>Cost Elements</b>	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Vehicle Federal Retail Excise Tax Testing PVT - ATC System Technical Support Engineering Support Quality Support Program Management Support System Fielding Support		10634 1450 126 88 279 40 316	143	74	23039 3102 25 25 83 134 121	307	75						
Total		12933			26529								

Exhibit P-5a, Budget Procurement His	tory and Planning							Date: Ji	une 2001	
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND SUPPORT VEHICLE	es .	Weapon Syste	m Type:		P-1 Line Ite		elature: G, BULKHAUL (D023	304)		
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Vehicle     FY 2000     FY 2001	TBS TBS	C/FP REQ5 REQ5 (2)	TACOM, Warren, MI TACOM, Warren, MI	Jun 01 Jun 01	Nov 01 May 02	143 307	74 75	Yes Yes	NA	Nov 00
REMARKS:										

	FY 00 / 01 BUDGET PF	ROD	UCTION	SCH	I <b>EDU</b> L	E			Item N IITRA				000G,	, BUL	KHA	.UL (l	D023	04)						Date:			Jun	e 2001	l			
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				S	PROC	ACCEP	BAL								Cale	endar	Yea	r 00								Calen	dar Y	Year (	1			L A
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M			PR	ODUCTI	ON RATES			M	FR						ADM	IINLE	AD T	IME			MFR			TOTA	L	R	EMAF	KS				
F							REACHED	Nur	nber					Pri	or 1 Oc	ct	At	fter 1 C	Oct	At	fter 1 (	Oct	A	fter 1		4						
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+	,	1	INIT		_			12			8			5			13		4						
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R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+			INIT	TAL				12			8			5			13								
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Exh	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	Г	ate:	J	Tune 2001		
Appropriation/Budget Act Other Procurement, Army /1/T		JPPORT VEHICLI	ES			P-1 Item Nom SEN		TANK 5000G A	AUTOMOTIV	E (D02306)		
Program Elements for Cod	le B Items:			Code:	Other Relate	ed Program El	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	2224	30	38	29	61							
Gross Cost	166.8	5.5	4.2	3.4	6.7							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	166.8	5.5	4.2	3.4	6.7							
Initial Spares												
Total Proc Cost	166.8	5.5	4.2	3.4	6.7							
Flyaway U/C												
Wpn Sys Proc U/C		182.7	111.2	117.5	109.2							

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The M969A3 5000G fuel tanker semi-trailer performs automotive refueling and bulk fuel hauling from Division to Main Supply and Forward Support battalions. The M969A3 tanker is found primarily in Transportation Medium Truck Companies, Petroleum, assigned to Quartermasters Battalion. The M969A3 is equipped with a self-priming pump assembly, filter separator assembly for automotive fuel. This dispensing assembly consists of dual automotive refueling systems that are pressurized to deliver fuel by a diesel engine and centrifugal pump combination. Each refueling system is composed of a meter, electric rewind hose reel, 50-feet of dispensing hose, and a dispensing nozzle. Deadman and overflow prevention features are included. These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

#### Justification:

The funding in FY02-07 will fill 100% of the Army Acquisition Objective (AAO) shortage in concert with supporting the Total Army Analysis (TAA)-07 for the Semi-trailer, 5000G, Automotive. The Army Acquisition Objective for this system is 2,717. This TAA-07 process recognized that a severe shortage of petroleum distribution personnel and equipment exists in the current Army force structure.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL Al	nent Army / 1	/			tem Nomenclature LER TANK 5000G		2306)	Weapon System	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
<b>Cost Elements</b>	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Vehicle Federal Retail Excise Tax Testing PVT- ATC System Technical Support Engineering Support Quality Assurance Program Management Support System Fielding Support		3420 410 100 100 50 10 134	38	90	2871 391 36 45 10 16 38		99	5673 680 41 20 150 100	61	93			
Total		4224			3407			6664					

Exhibit P-5a, Budget Procurement Hist	tory and Planning							Date: Ju	ıne 2001	
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND SUPPORT VEHICLE	S	Weapon Syster	m Type:		P-1 Line Ite		lature: AUTOMOTIVE (D02	306)		
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Vehicle     FY 2000     FY 2001     FY 2002	TBS TBS TBS	C/FP REQ5 REQ5 (2) REQ5 (3)	TACOM TACOM TACOM	Jun 01 Jun 01 Jan 02	Nov 01 May 02 May 02	38 29 61	90 99 93	Yes Yes Yes	NA NA	Nov 00
REMARKS:										

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	COST ELEMENTS	M F R	FY	S E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
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		1	FY 01	A	29	0	29																					Α				29
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		1	FY 02	A	61	0	61				Α				7	7	7	7	7	7	7	7	5									0
То	tal				128		128		5						17	17	17	16	17	20	7	7	5	1								
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Exhi	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	Ι	Date:	J	Tune 2001		
Appropriation/Budget Activ Other Procurement, Army /1/TA		PPORT VEHICLI	ES			P-1 Item Nom SEN		, TANK, 7500G	/9200G, BULF	KHAUL (D02	700)	
Program Elements for Code	e B Items:			Code:	Other Relat	ed Program El	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	727	70	168	376								
Gross Cost	22.5	0.6	10.0	19.8								
Less PY Adv Proc	0.0	0.0	0.0	0.0	0.0							
Plus CY Adv Proc	0.0	0.0	0.0	0.0	0.0							
Net Proc (P-1)	22.5	0.6	10.0	19.8								
Initial Spares												
Total Proc Cost	22.5	0.6	10.0	19.8								
Flyaway U/C												
Wpn Sys Proc U/C		9.0	59.5	52.7								

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The Semi-trailer Tank, 7500-gallons, bulkhaul procurement will transport petroleum products from the source (e.g. Communication Zone (COMMZ) and Rear Corp areas), to the Forward Division area(s) where the fuel is transferred into tactical refueling systems for retail distribution into combat and services support vehicles, aircraft and other ground equipment. These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

## Justification:

The funding in FY01 will fill 19% of the Army Acquisition Objective (AAO) of 2,883 in concert with supporting the Total Army Analysis (TAA)-07. To correct the petroleum distribution equipment problem, many petroleum related units were added to the Army's force structure in the Active, Reserve and National Guard Components.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL A	udget Activ nent, Army / I ND SUPPOR	ity/Serial No.   / T VEHICLES		P-1 Line I SEMITRAL	tem Nomenclature LER, TANK, 7500G	e: /9200G, BULKHAU	JL (D02700)	Weapon System	Туре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Vehicle Federal Retail Excise Tax Test Vehicles Test-PVT System Technical Support Engineering Support Quality Assurance Support Program Management Support System Fielding Support		7029 1230 450 325 296 100 350 218	165 3	43 410	16875 2301 50 40 100 50 233 178	376	45						
Total		9998			19827								

Exhibit P-5a, Budget Procure	ement History and Planning							Date: Ju	une 2001	
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND SUP	PORT VEHICLES	Weapon Syste	m Type:		P-1 Line Ite		lature: G/9200G, BULKHAU:	L (D02700)		
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Vehicle	TBS TBS	C/FFP Option	TACOM TACOM	AUG 01 AUG 01	JAN 02 APR 02	165 376	43 45	Yes	N/A	
REMARKS:										

	FY 00 / 01 BUDGET PR	ROD	UCTION	SCH	I <b>EDU</b> L	E			Item N IITRA				500G/	/9200	G, BU	JLKH	AUL	. (D02	2700)					Date:			Jun	e 2001	l			
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				S	PROC	ACCEP	BAL								Cale	ndar	Year	r 00								Calen	dar Y	Year (	1			L A
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То	otal				544		544				3			40	40	46	50	50	50	50	50	40	40	40	45	5						
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M			PR	ODUCTI	ON RATES			M	FR						ADN	ИINLЕ	EAD T	IME			MFR			TOTA	.L	RI	EMAR	KS				
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R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+		,	INIT	IAL				16			4			5			9								
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Exhi	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	Ι	Date:	J	Tune 2001		
Appropriation/Budget Acti Other Procurement, Army /1/Ta		JPPORT VEHICLI	ES			P-1 Item Nom SEN		VAN CGO SUI	PPLY 12T 4W	HL M129A20	C (D04800)	
Program Elements for Code	e B Items:			Code: A	Other Relate	ed Program El	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	1344	71	94	69	95							
Gross Cost	44.7	6.3	7.5	6.1	7.3							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	44.7	6.3	7.5	6.1	7.3							
Initial Spares												
Total Proc Cost	44.7	6.3	7.5	6.1	7.3							
Flyaway U/C												
Wpn Sys Proc U/C		88.7	79.6	88.3	76.8							

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The Semi-trailer Van Cargo is a 12-Ton, 35-Feet, military designed, four wheels, and multipurpose tactical semi-trailer van. The van body construction is aluminum to reduce the corrosion problem experienced on the predecessor systems. The construction of the van body is air and watertight. The solid-state 12/24-volt D.C electrical system is compatible with military and commercial tractors. The semi-trailer van meets current transportability standards. The vehicle has built-in flexibility to permanently secure modular storage and drawer systems for the transportation and issuance of shop inventories and military supplies. Prime mover is the military 5-Ton Trucks. These items support the Legacy transition path of the Transformation Campaign Plan (TCP).

#### Justification:

FY02 and FY03 funds support the procurement of the Semi trailer Van Cargo configuration that is used by various types of support units engaging in storage, transportation and issuance of military supplies. The van houses sophisticated electrical equipment (radio and computerized) for command post communications, spare parts, and maintenance tool shops for field repairs. The user has 100% mobility requirement to store, transport and resupply Prescribed Load List/Authorized Support List (PLL/ASL) Class IX items and 80% of the repair parts to the forward elements in a relatively short period of time (20 minutes). The remaining 20% of the repair parts will be in place within a 3-4 hour timeframe. Quantities procured through FY01 will fill 56% of the Army's Acquisition Objective of 2,794.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL A	udget Activ nent, Army / I ND SUPPOR	ity/Serial No.   / T VEHICLES		P-1 Line I SEMITRAI M129A2C (	tem Nomenclature LER VAN CGO SUI (D04800)	e: PPLY 12T 4WHL		Weapon System	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Vehicle Federal Excise Tax Testing (PVT) System Technical Support Engineering Support Quality Asssurance Program Management Support System Fielding Support		6121 835 28 50 277 176	94	65	4416 529 300 188 163 75 325 95		64	6270 752 45 33 100 100		5 66			
Total		7487			6091			7300					

Exhibit P-5a, Budget Procu	rement History and Planning							Date: Ji	une 2001	
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND S	UPPORT VEHICLES	Weapon Syste	m Type:			em Nomeno R VAN CGO SU	elature: JPPLY 12T 4WHL M	1129A2C (D0	4800)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Vehicle FY 2000 FY 2001 FY 2002	Kalyn Siebert, Inc Gatesville, TX TBS TBS	REQ5 (5) C/FP REQ5 REQ5 (2)	TACOM TACOM	JAN 00 MAR 01 JAN 02	MAR 00 AUG 01 MAR 02	94 69 95	65 64 66	YES NO		JAN 01
REMARKS:										

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1	Kalyn Siebert, Inc, Gatesville, TX		5.00		15.00	25.00	10		•		RDER		_		0			3			2			5		4							
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Exhi	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	D	ate:	J	une 2001		
Appropriation/Budget Activ Other Procurement, Army /1/TA		IPPORT VEHICLI	ES			P-1 Item Non HI N		-PURP WHLD	VEH (HMMV	VV) (D15400)		
Program Elements for Code	e B Items:			Code:	Other Relat	ed Program Ele	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	94981	675	840	1236	1143							
Gross Cost	3088.0	74.6	91.3	136.8	130.8							
Less PY Adv Proc	0.0	0.0	0.0	0.0	0.0							
Plus CY Adv Proc	0.0	0.0	0.0	0.0	0.0							
Net Proc (P-1)	3088.0	74.6	91.3	136.8	130.8							
Initial Spares												
Total Proc Cost	3088.0	74.6	91.3	136.8	130.8							
Flyaway U/C												
Wpn Sys Proc U/C												

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) is a lightweight, high performance, four-wheel drive, air transportable and air droppable, high mobility tactical family of wheeled vehicles. The vehicle has a diesel engine, automatic transmission and payloads of 2500 lbs. (HMMWV Group 1), 3660 lbs. (HMMWV Group II), 4400 lbs. (Heavy HMMWV M1097), and 5100 lbs. (Expanded Capacity Vehicle (M1113). The Block 1, or A1 models of the HMMWV began fielding in March 1994. The A1 models have improved seating and M1097 components across the family. The A2 models began fielding in October 1997. The A2 models have an updated engine and a 4-speed electronic controlled automatic transmission. The Scout HMMWV is a specially modified armament carrier to accommodate the Scout mission role. The Up-Armored HMMWV (M1114) provides its crew complete ballistic protection against anti-tank and anti-personnel mines (up to 12 pounds of explosive), and 360-degree protection against 7.62 armor-piercing munitions. The M1113 Expanded Capacity Vehicle (ECV) will be used for other programs where the M1097 capacity is insufficient. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

### Justification:

FY02/03 funding procures 2,724 HMMWV's. These vehicles are required to fill shortages in the Army inventory. The M1114 Up-Armored HMMWV will be used to replace select vehicles in military police units. The M1114 improves the protection levels of light tactical vehicles. The M1025A2 will be used to support the Striker program. M1097A2's and M1113 Expanded Capacity Vehicles support Army Interchange requirements. Vehicles will be placed in high priority units. The Army Acquisition Objective (AAO) is 121,692.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL A	nent Army / 1	/			tem Nomenclature ULTI-PURP WHLD		D15400)	Weapon System	Гуре:	Date: June 2	001
	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Vehicle Up-Armor M1114 (D15402) Hvy Var M1097A2 (D15402) Truck Utility M1025A2 (D15402) ECV M1113 (D15402)		24462 25744 2038	360 451 29	68 58 70	30546 43595 2365	450 752 34	68 58 70	24404 34546 2939 12088	360 561 40 182	62 73			
Subtotal		52244			76506			73977					
Engineering Changes Kits Government Testing		1567 1754			2658 5400			2663 6817					
Comparison Test (ATC) Cooling Test (YPG) Preproduction Qualification Test		137 43			300			213 302					
System Technical Support (STS) Engineering Support - In-House Government Furnished Equipment (Chassis) Fielding Support Project Management Support		2689 1164 26732 2205 2767	360	74	8864 1455 33594 4954 2850	450	75	9633 1505 27784 5027 2900	360	77			
Total		91302			136781			130821					

ppropriation/Budget Activity/Serial No:		Weapon Syste	em Type:		P-1 Line It	em Nomeno	lature:			
ther Procurement, Army / 1 / TACTICAL AND SUPPO	RT VEHICLES		J				O VEH (HMMWV) (I	015400)		
BS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Iss Date
Up-Armor M1114 (D15402)										
FY 2000	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM	Mar 00	Sep 00	360	68	Yes	N/A	N/A
FY 2001	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM	Dec 00	Jun 01	450	68	Yes	N/A	N/A
FY 2002	O'Gara Hess & Eisenhardt Fairfield, OH	SS/Other	TACOM	Jan 02	Jul 02	360	68	Yes	N/A	N/A
Hvy Var M1097A2 (D15402)										
FY 2000	AM General Mishawaka, IN	SS/Other	TACOM	Dec 99	Oct 00	451	58	Yes	N/A	N/A
FY 2001	AM General Mishawaka, IN	SS/Other	TACOM	Nov 00	May 01	752	58	Yes	N/A	N/A
FY 2002	AM General Mishawaka, IN	SS/Other	TACOM	Nov 01	May 02	561	62	Yes	N/A	N/A
Гruck Utility M1025A2 (D15402)										
FY 2000	AM General Mishawaka, IN	SS/Other	TACOM	Mar 00	Jun 00	29	70	Yes	N/A	N/A
FY 2001	AM General Mishawaka, IN	SS/Other	TACOM	Nov 00	May 01	34	70	Yes	N/A	N/A
FY 2002	AM General Mishawaka, IN	SS/Other	TACOM	Nov 01	May 02	40	73	Yes	N/A	N/A
ECV M1113 (D15402)										
FY 2002	AM General Mishawaka, IN	SS/Other	TACOM	Nov 01	May 02	182	66	Yes	N/A	N/A
Government Furnished Equipment (Chassis)										

REMARKS: AM General is the current contractor for the M1097A2, M1025A2 and the ECV M1113. O'Gara Hess & Eisenhardt (OHE) is the contractor for the M1114 Up-Armor (the chassis is provided by AM General as Government Furnished Equipment (GFE). The chassis for the M1114 (built by AM General) are shown on the P-5 as Government Furnished Equipment to support the OHE contract.

Exhibit P-5a, Budget Proc	urement History and Planning							Date: J	une 2001	
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND	SUPPORT VEHICLES	Weapon Systo	ет Туре:			em Nomeno TI-PURP WHLI	clature: O VEH (HMMWV) (I	015400)		
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issu Date
FY 2000	AM General Mishawaka, IN	SS/Other	TACOM	Apr 00	May 00	360	74	Yes	N/A	N/A
FY 2001	AM General Mishawaka, IN	SS/Other	TACOM	Nov 00	May 01	450	75	Yes	N/A	N/A
FY 2002	AM General Mishawaka, IN	SS/Other	TACOM	Nov 01	May 02	360	77	Yes	N/A	N/A

REMARKS:

REMARKS: AM General is the current contractor for the M1097A2, M1025A2 and the ECV M1113. O'Gara Hess & Eisenhardt (OHE) is the contractor for the M1114 Up-Armor (the chassis is provided by AM General as Government Furnished Equipment (GFE). The chassis for the M1114 (built by AM General) are shown on the P-5 as Government Furnished Equipment to support the OHE contract.

	FY 00 / 01 BUDGET I	PROL	OUCTION	SCH	IEDUL!	E			Item N MOB N				/HLD	VEH	(HM	MWV	/) (D	15400	)					Date	e:		J	lune	2001				
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Up-	-Armor M1114 (D15402)																									+							
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1	AM General, Mishawaka, IN		100.00		700.00	1300.00	0				RDER				0			1			6			7		1						
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Proc Qty         6           Gross Cost         13           Less PY Adv Proc         0.0         0.0         0           Plus CY Adv Proc         0.0         0.0         0           Net Proc (P-1)         13         13           Initial Spares         13         13           Flyaway U/C         13         13				ustifica	tion Sho	eet	Ι	Pate:	J	une 2001		
		PPORT VEHICLI	ES			P-1 Item Norr TRU		P, 20T (CCE) (D	16001)			
Program Elements for Coc	le B Items:			Code:	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty			62	19	30							
Gross Cost			13.1	5.2	8.1							
Less PY Adv Proc	0.0	0.0	0.0	0.0	0.0							
Plus CY Adv Proc	Other Procurement, Army /1/TACTICAL AND SUPPORT VEHICLES           Program Elements for Code B Items:           Prior Years         FY 1999         FY 2000           Proc Qty         6         6           Gross Cost         13         13           Less PY Adv Proc         0.0         0.0         0           Plus CY Adv Proc         0.0         0.0         0           Net Proc (P-1)         13         13           Initial Spares         13         14				0.0							
Net Proc (P-1)			13.1	5.2	8.1							
Initial Spares												
Total Proc Cost			13.1	5.2	8.1							
Flyaway U/C												
Wpn Sys Proc U/C			210.5	271.6	269.3							

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The M917A1 20-Ton Dump Truck is a Non-Developmental Item used to load, transport, and dump payloads of sand and gravel aggregates, crushed rock, hot paving mixes, earth, clay, rubble, and large boulders at engineering and construction sites under worldwide climatic conditions in a military environment. This truck has a heavy duty steel, 18.5-Ton, 14 cubic yard capacity, in a cab controlled double action hydraulic hoist system capable of a 50-degree tilt angle, 8-inch high removable sideboards, easy wind tarpaulin system, and an air actuated tailgate lock. This 18.5-Ton Dump Truck is transportable by highway, rail, marine, and air modes worldwide. This Dump Truck with the Material Control System (MCS) has an air actuated four-door tailgate controlled by the operator, capable of dumping loads through any one or all four gates. The M917A1 Dump Truck replaces the 25-year old F5070 and the 19-year old M917 Dump Trucks on a one-for-one basis in existing engineering units. These systems support the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

#### Justification:

In FY02 and FY03 the M917A1 dump truck is required to replace overage F5070 and M917 dump trucks, which are experiencing below the goal fully mission capable rates. The AAO is 1,076.

Note: FY00 is the first year that the 20-Ton Dump Truck (CCE) (R03000) is OPA 1. Previously, it was OPA 3. M917A1 Dump Truck procurements thru FY99 was 551.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL A	nent, Army / 1	/			tem Nomenclature UMP, 20T (CCE) (D			Weapon System	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
<b>Cost Elements</b>	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. M917A1 - W/O Material Control System 2. M917A1 - W/Material Control System 3. M917A1 - W/O Material Control System 4. M917A1 - W/Material Control System 5. FET/M917A1-W/O Material Control Sys 6. FET/M917A1-W/O Material Control Sys 7. FET/M917A1-W/O Material Control Sys 8. FET/M917A1-W/Material Control Sys 9. Engineering Change Proposals 10. Documentation 11.Testing 12. Engineering - In House 13. Program Management Support 14. System Fielding Support		6552 3439 504 181 786 456 65 24 118 100 50 250 525	39 19 3 1	168 181 168 181	845 2548 106 321 160 250 230 75 300 325	5 14	169 182		30				
Total		13050			5160			8078					

nt History and Planning								une 2001	
VEHICLES	Weapon Syste	ет Туре:							
Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Is Date
Freightliner Corporation Portland, OR	Option	TACOM	Dec 99	Aug 00	33	168	YES	N/A	
Freightliner Corporation Portland, OR	Option	TACOM	Mar 00	Aug 00	6	168	YES	N/A	
Freightliner Corporation Portland, OR	Option	TACOM	Dec 99	Aug 00	18	181	YES	N/A	
Freightliner Corporation Portland, OR	Option	TACOM	Mar 00	Aug 00	1	181	YES	N/A	
Freightliner Corporation Portland, OR	C/FFP	TACOM	Sep 00	Mar 00	3	168	YES	N/A	
Freightliner Corporation Portland, OR	Option	TACOM	Dec 00	Jun 01	5	169	YES	N/A	
Freightliner Corporation Portland, OR	C/FFP	TACOM	Sep 00	Mar 01	1	181	YES	N/A	
Freightliner Corporation Portland, OR	Option	TACOM	Dec 00	Jun 01	12	182		N/A	
Freightliner Corporation Portland, OR	Option	TACOM	Jun 01	Dec 01	2	182	YES	N/A	
Freightliner Corporation Portland, OR	Option	TACOM	Dec 01	Jun 02	30	184	YES	N/A	
	Freightliner Corporation Portland, OR Freightliner Corporation Portland, OR  Freightliner Corporation Portland, OR Freightliner Corporation Portland, OR  Freightliner Corporation Portland, OR Freightliner Corporation Portland, OR Freightliner Corporation Portland, OR Freightliner Corporation Portland, OR Freightliner Corporation Portland, OR Freightliner Corporation Portland, OR Freightliner Corporation Portland, OR Freightliner Corporation Portland, OR Freightliner Corporation	VEHICLES  Contractor and Location  Contract Method and Type  Freightliner Corporation Portland, OR Freightliner Corporation	VEHICLES    Contractor and Location   Contract Method and Type	VEHICLES	VEHICLES    Contractor and Location   Contract Method and Type   Location of PCO   Award Date   Date of First Method and Type   Preightliner Corporation   Option   TACOM   Dec 99   Aug 00   Portland, OR   Preightliner Corporation   Option   TACOM   Dec 99   Aug 00   Aug 00   Portland, OR   Preightliner Corporation   Option   TACOM   Dec 99   Aug 00   Aug 00   Portland, OR   Preightliner Corporation   Option   TACOM   Dec 99   Aug 00   Aug 00   Portland, OR   Preightliner Corporation   Option   TACOM   Mar 00   Aug 00   Portland, OR   Preightliner Corporation   Option   TACOM   Sep 00   Mar 00   Portland, OR   Preightliner Corporation   Option   TACOM   Dec 00   Jun 01   Portland, OR   Preightliner Corporation   Option   TACOM   Dec 00   Jun 01   Portland, OR   Preightliner Corporation   Option   TACOM   Dec 00   Jun 01   Portland, OR   Preightliner Corporation   Option   TACOM   Dec 00   Jun 01   Portland, OR   Preightliner Corporation   Option   TACOM   Dec 00   Jun 01   Dec 01   Portland, OR   Preightliner Corporation   Option   TACOM   Dec 01   Jun 02   Dec 01   D	Weapon System Type:   P-1 Line Item Nomence TRUCK, DUMP, 20T (CCE) (ICE) (IC	VEHICLES   Weapon System Type:   P-1 Line Item Nomenclature: TRUCK, DUMP, 20T (CCE) (D1600T)	Weapon System Type:   P-1 Line   tem Nomenclature: TRUCK, DUMP, 207 (CCE) (D16601)	Weapon System Type:   P-1 Line   Item   Nomenclature:   TRUCK, DIAMP, 20T (CCB) (DIAMP). 20T (CCB) (DIAMP)

D16001 TRUCK, DUMP, 20T (CCE)

No Remarks

REMARKS:

Item No. 6 Page 3 of 6 63

Exhibit P-5a Procurement History and Planning

	FY 99 / 00 BUDGET 1	PROL	OUCTION	SCF	<b>IED</b> UL	E			Item N JCK, I				E) (D	1600	1)									Date:			Jur	e 200	1			
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Appropriation/Budget Activ Other Procurement, Army /1/TA		IPPORT VEHICLI	ES			P-1 Item Nom FAN		EDIUM TACTI	CAL VEH (FM	MTV) (D15500	))	
Program Elements for Code	e B Items:			Code: A	Other Relate	ed Program El	ements:	PE 0604604	4A/Project DH	07 Medium T	actical Vehicles	
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	10869	1439	1916	2269	2493							
Gross Cost	1520.0	335.5	423.6	471.2	467.4							
Less PY Adv Proc	0.0	0.0	0.0	0.0	0.0							
Plus CY Adv Proc	0.0	0.0	0.0	0.0	0.0							
Net Proc (P-1)	1520.0	335.5	423.6	471.2	467.4							
Initial Spares												
Total Proc Cost	1520.0	335.5	423.6	471.2	467.4							
Flyaway U/C												
Wpn Sys Proc U/C												

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The Family of Medium Tactical Vehicles (FMTV) is a complete series of trucks and trailers based on a common chassis and varied by payload and mission. The Light Medium Tactical Vehicle (LMTV) has a 2-1/2 ton capacity consisting of cargo and van models. The Medium Tactical Vehicle (MTV) has a 5-ton capacity, consisting of cargo, tractor, van, wrecker, tanker, and dump truck models. Sub variants provide Air Drop (AD) capability for contingency and rapid deployment operations. The commonality between variants significantly reduces operation and maintenance costs. FMTV will perform over 55% of the Army's local and line haul, and unit resupply missions in combat, combat support, and combat service support units. The quantities shown above reflect trucks only. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

#### Justification:

The FMTV is required to fill the 2-1/2 ton truck (LMTV) and 5 ton truck (MTV) requirements, reduce operating and support costs, resolve operational deficiencies and operate throughout the theater as multi-purpose transportation vehicles used by combat, combat support, and combat service support units. The system is designed to be rapidly deployable worldwide and operate on primary and secondary roads, trails, and cross-country terrain in all climatic conditions. FY02 funds the option year of a sole-source 4-year + option year multiyear contract.

Exhibit P-5, Weapon Appropriation/Budget Activity/Serial No. P-1 Line Item Nomenclature: Weapon System Type: Date: **OPA1 Cost Analysis** FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500) June 2001 Other Procurement, Army / 1 / TACTICAL AND SUPPORT VEHICLES OPA1 ID FY 01 FY 02 FY 03 FY 00 **Cost Elements** CD TotalCost Qty UnitCost TotalCost Qty UnitCost TotalCost Qty UnitCost TotalCost Qty UnitCost \$000 Each \$000 \$000 Each \$000 \$000 Each \$000 \$000 Each \$000 1. Vehicles 243 404 135 1399 136 --LMTV Cargo 29493 121 54680 190089 -- LMTV Cargo w/ winch 1082 120 15489 106 146 55911 382 146 --LMTV Cargo-Air Drop --LMTV Cargo-Air Drop w/ winch --LMTV Van 7860 40 197 17084 86 199 -- LMTV Van w/ winch -- LMTV Chassis 87253 SUBTOTAL LMTV 38435 246000 122788 156 50939 --MTV Cargo 137572 915 150 785 323 158 --MTV Cargo w/ winch 19804 123 162 13938 84 166 --MTV Cargo-Air Drop --MTV Cargo-Air Drop w/ winch 51 5 158 11225 70 --MTV Cargo-Long Wheel Base (LWB) 7872 154 791 160 --MTV Cargo-LWB w/ winch --MTV Cargo-LWB & Mat'l Handl Equip (MHE --MTV Cargo MHE 53 213 12062 60 201 11268 --MTV Dump --MTV Dump w/ winch 49323 328 150 93576 632 149 40753 260 157 --MTV Tractor 8597 52 165 9815 59 --MTV Tractor w/ winch 322 2 161 166 315 20204 62 326 --MTV Wrecker 45638 145 --MTV Expansible Van --MTV Tanker --MTV Chassis --MTV Chassis-LWB --MTV Water Tanker SUBTOTAL MTV 272593 271162 112732 8360 32 LMTV Trailers 8457 270 31 260 8307 260 32 45 44 MTV Trailers 11511 260 44 11666 260 11553 260 SUBTOTAL TRAILERS 19968 20026 19860 2. Federal Retail Excise Tax 16011 12965 6068 3. Engineering Changes 11169 6243 6879

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL A	nent Army / 1	1/			tem Nomenclatur F MEDIUM TACTI	e: CAL VEH (FMTV) (	(D15500)	Weapon System	Туре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
4. TestingContractor		1398			1442			1174					
Government		2675			1652			1680					
5. Contractor Program Support		8451			8352			6905					
6. Engineering Support		0.51			0332			0,00					
Government (In-house)		4877			4262			4333					
Contractor		9504			5815			5827					
Competitive Evaluation					15000			10000					
7. Quality Assurance Support (In-house)		331			336			342					
8. HAC S&I A0 Improvements		10193			11766			20402					
9. Fielding Support		15664			16974			18809					
10. Project Mgmt Support		15391			4905			6375					
Total		423614			471199			467386					
										1			

Exhibit P-5a, Budget Proc	urement History and Planning							Date: J	une 2001	
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND	SUPPORT VEHICLES	Weapon Syste	em Type:			em Nomeno MEDIUM TACT	lature: ICAL VEH (FMTV) (	(D15500)		
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. Vehicles										
FY 2000	Stewart & Stevenson, Inc. Sealy, TX	Option	TACOM	Jul 00	Aug 01	97	110			
FY 2001	Stewart & Stevenson, Inc. Sealy, TX	SSM-4(4)	TACOM	Dec 00	Oct 01	2042	160			
FY 2001	Stewart & Stevenson, Inc. Sealy, TX	Option	TACOM	Feb 01	Mar 02	227	135			
FY 2002	Stewart & Stevenson, Inc. Sealy, TX	Option	TACOM	Nov 01	Oct 02	2493	144			
Competitive Evaluation										
FY 2001	TBS TBD	CFFP	TACOM	May 01	n/a					12/00

Quantity above is for trucks only; unit cost is an average of different truck models and can vary due to model mix procured.

	FY 01 / 02 BUDGET PF	ROD	UCTION	SCH	I <b>EDU</b> L	E					nclatu IEDIU		ACTIO	CAL '	VEH (	(FMT	V) (I	D1550	0)					Date:			Jur	ne 20	01			
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Exh	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	Б	ate:	J	une 2001		
Appropriation/Budget Act		PPORT VEHICL	ES			P-1 Item Nom FIR		Ł ASSOCIATEI	O FIREFIGHT	ING EQUIPM	IENT (D15800)	
Program Elements for Cod	le B Items:			Code: A	Other Relat	ed Program Ele	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty			18	60	10							
Gross Cost			7.4	15.9	5.0							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)			7.4	15.9	5.0							
Initial Spares												
Total Proc Cost			7.4	15.9	5.0							
Flyaway U/C												
Wpn Sys Proc U/C			0.0	0.0	0.0							

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

This line is a roll-up of various fire trucks. These vehicles are used for fighting aircraft crashes, brush fires, and as a safety precaution at ammunition storage areas in the Theatre. In addition, these vehicles respond to forest fires, train disasters, automobile accidents, and hazardous material incidents. These vehicles are essential to all military installations and to many local communities for the preservation of life and property. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

### Justification:

FY 02/03 procures Tactical and Non-Tactical Fire Fighting trucks, which will replace many unsafe/overage vehicles currently unable to respond to fire calls and/or are uneconomical to repair. Total AAO for all Non-Tactical Fire Trucks is 928; Tactical Fire Trucks 147.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL A	udget Activ nent, Army / 1 ND SUPPOR	ity/Serial No. / I VEHICLES		P-1 Line I FIRETRUC EQUIPMEN	tem Nomenclature KS & ASSOCIATE NT (D15800)	e: D FIREFIGHTING		Weapon System	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Firetruck, Non-Tactical     Truck, Firefighting, Tactical	A B	4946 2496	14 4	353 624	14299 1583	57 3	251 528		10				
Total		7442			15882			5024					

Exhi	ibit P-40	, Budge	t Item J	ustifica	tion Sh	eet	]	Date:	J	June 2001		
Appropriation/Budget Activ Other Procurement, Army /1/TA		JPPORT VEHICL	ES			P-1 Item Nom FIR		NON-TACTICA	AL (D15801)			
Program Elements for Code	B Items:			Code: A	Other Relat	ed Program Ele	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty			4	57								
Gross Cost			4.9	14.3								
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)			4.9	14.3								
Initial Spares												
Total Proc Cost			4.9	14.3								
Flyaway U/C												
Wpn Sys Proc U/C			1.2	0.3								

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

These vehicles are of standard commercial design with only slight modifications. Examples include Pumper Trucks, Structural Pumpers, Ladder Trucks, Brush/Mini Pumper Trucks, Hazardous Material (HAZMAT)/Rescue Trucks, Brush Tankers, Airfield Crash Trucks, and Multi-Purpose Firetrucks. The Major Commands (MACOM) needing these trucks include U.S. Army Europe, Military District of Washington, Military Traffic Management Command, Forces Command, Training & Doctrine Command, Army Material Command Installations, Army Developmental Test Command, U.S. Army Pacific, National Guard Bureau, and Eighth U.S. Army (Korea). The Army's Fire Fighting Vehicles are essential to all military installations and to many local communities for preservation of life and property. Many of these overage vehicles are unsafe, unable to respond to fire calls, and uneconomical to repair. The current condition of the fleet creates a situation in which a disaster could easily occur. Our Army fire vehicles not only respond to fires on installations and within local communities, but also to forest fires, airline disasters, train disasters, automotive accidents, and hazardous material incidents. Without these fire vehicles we put the lives of soldiers, dependents, civilian work force, and the local community at risk. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

#### **Justification:**

FY 02/03 procures 6 Ladder Trucks, 20 Structural Pumpers, 12 Airfield Crash Trucks, 25 Brush/Mini Pumpers, and 6 HAZMAT/Rescue Trucks. Total AAO for all Non-Tactical Fire Trucks is 928

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL Al	udget Activ nent, Army / 1 ND SUPPOR	ity/Serial No. / r vehicles		P-1 Line I FIRETRUC	tem Nomenclature KS, NON-TACTICA	e: AL (D15801)		Weapon System	Туре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Structural Pumper Airfield Crash Truck Brush/Mini Pumper	A A A A A	1438 1325 2183	3 6 5	479 221 437	2838 5913 3017 1732 799	6 27 7 12 5	473 219 431 144 160						
Total		4946			14299								

Exhibit P-5a, Budget Procu	rement History and Planning							Date: J	une 2001	
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND S	UPPORT VEHICLES	Weapon Syste	em Type:			em Nomeno				
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Ladder Truck										
FY 2000	See Remarks	MIPR/FP	GSA	DEC 99	SEP 00	3	479	Yes	NA	
FY 2001	Emergency One Ocala, FL	MIPR/FP	GSA	FEB 01	AUG 01	6	473	Yes	NA	
Structural Pumper	ŕ									
FY 2000	Emergency One Ocala, FL	MIPR/FP	GSA	FEB 00	SEP 00	6	221	Yes	NA	
FY 2001	Emergency One Ocala, FL	MIPR/FP	GSA	FEB 01	AUG 01	27	219	Yes	NA	
Airfield Crash Truck	,									
FY 2000	Emergency One Ocala, FL	MIPR/FP	GSA	DEC 99	AUG 00	5	437	Yes	NA	
FY 2001	Emergency One Ocala, FL	MIPR/FP	GSA	FEB 01	OCT 01	7	431	Yes	NA	
Brush/Mini Pumper	·									
FY 2001	Emergency One Ocala, FL	MIPR/FP	GSA	FEB 01	OCT 01	12	144	Yes	NA	
HAZMAT/Rescue Truck	·									
FY 2001	Emergency One Ocala, FL	MIPR/FP	GSA	JAN 01	SEP 01	5	160	Yes	NA	

REMARKS: FY 00 contractors for Ladder Trucks are Emergency One (Ocala, FL) and Pierce Manufacturing (Appleton, WI).

FY 01 / 02 BUDGET	PROD	OUCTION	SCF	IEDUL	E			Item N ETRU				TICA	L (D	15801	1)								Date:			June	e 2001				
											Fis	scal Y	'ear 0	)1									F	iscal	Year	02					
			S	PROC	ACCEP	BAL								Cale	endar	Yea	r 01								Calen	dar Y	ear 0	2			L A
COST ELEMENTS	M F R	FY	S E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
Structural Pumper																															
	1	FY 01	A	27	0	27		Ш	_		Α	_	_		_		5	7	5	5	5										0
Airfield Crash Truck																															
								Ш							_																
								Ш							_																
								Ш																	_						
								Ш																							
Total				27		27											5	7	5	5	5										
							O C T	N O V	D E C	J A N	F E B	Α	A P R	Α	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
М		PR	ODUCT	ON RATES			M	FR						ADM	4INLE	AD T	IME			MFR			ТОТА	L	RI	EMAR	KS.				
F						REACHED	Nur	nber					Pri	ior 1 Oc	ct	Ai	fter 1 C	Oct	Ai	fter 1 (	Oct	Α	fter 1	Oct							GSA's
R NAME/LOCATION		MIN.		1-8-5	MAX.	D+			INIT	IAL																					ıl 96 - e from
									REO	RDER															6-9	mon	ths. A	dmin	leadti	me av	erages/
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									REO	RDER																					

FY 03 / 04 BUDGET PI	ROD	UCTION	SCE	IEDUL.	E			tem N ETRUC				TICA	L (D	15801	1)							1	Date:			June	e 2001	ļ			
												scal Y											F	`iscal	Year	04					
			S	PROC	ACCEP	BAL.								Cale	endar	Year	r 03								Calen	dar Y	Tear 0	)4			L A
COST ELEMENTS	M F R	FY	S E R V	QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
Structural Pumper																															
	1	FY 01	A	27	27	0																									0
Airfield Crash Truck																															
Total				27	27																										
							O C T	N O V	D E C	J A N	F E B	Α	A P R	Α	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
М		PR	ODUCT	ON RATES			M	FR						ADM	IINLE	AD T	IME			MFR			ТОТА	L		EMAR					
F						REACHED	Nun	nber					Pri	or 1 Oc	ct	Af	fter 1 C	ct	Af	fter 1 (	Oct	A	fter 1 (	Oct							GSA's
R NAME/LOCATION		MIN.		1-8-5	MAX.	D+			INIT	IAL																			les (av rates		ıl 96 - e from
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Exh	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	D	ate:	J	Tune 2001		
Appropriation/Budget Acti Other Procurement, Army /1/T		PPORT VEHICL	ES			P-1 Item Non TRU		GHTING, TAC	TICAL (D158	(02)		
Program Elements for Cod	e B Items:			Code:	Other Relate	ed Program El	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty			4	3	10							
Gross Cost			2.5	1.6	5.0							
Less PY Adv Proc			0.0	0.0	0.0							
Plus CY Adv Proc			0.0	0.0	0.0							
Net Proc (P-1)			2.5	1.6	5.0							
Initial Spares												
Total Proc Cost			2.5	1.6	5.0							
Flyaway U/C												
Wpn Sys Proc U/C			624.0	527.7	502.4							

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The multi-purpose Tactical Fire Fighting Truck (TFFT) is issued to Army tactical engineer units and is primarily used to fight aircraft crash and brush fires and at ammunition storage areas in theater. The new TFFT will have a six-man cab in order to carry an entire firefighting team, which the current truck cannot. Also, the new tactical vehicle will have a minimum of a 1,000-gallon capacity, while the current trucks have only a 660-gallon capacity. The new tactical truck will have all-wheel drive rather than four-wheel drive. The fire trucks currently fielded are unreliable and overage, and do not meet user needs or National Fire Protection Agency Standards. The 1,000-gallon water capacity is necessary to land Air Force aircraft on Army airfields. All wheel drive is essential for cross-country mobility. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

#### Justification:

FY02/03 procures the Tactical Fire Fighting Truck. The Tactical Fire Fighting Truck AAO is 147.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL A	udget Activ nent, Army / 1 ND SUPPOR	ity/Serial No.   / T VEHICLES		P-1 Line I TRUCK, FI	tem Nomenclature REFIGHTING, TAC	e: CTICAL (D15802)		Weapon System	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Vehicle     Firefighting Equipment     HEMTT Chassis     FRET	B A	1843	4	461	1030 312	3 3	343 104	2444 739	10 10				
SubTotal		1843			1342			3183					
<ol> <li>ECPs</li> <li>Testing</li> <li>System Fielding Support</li> <li>Engineering Support</li> <li>Quality Assurance Support</li> <li>PM Support</li> </ol>		276 26 100 153 98			40 14 100 87			96 1367 79 62 83 154					
Total		2496			1583			5024					

Other Procurement, Army / 1 / TACTICAL AND SUPPORT VEH WBS Cost Elements:  Firefighting Equipment FY 2000 FY 2001 FY 2002  HEMTT Chassis	Pierce Manufacturing Inc. Appleton, WI	Contract Method and Type  SS/DLA  SS/DLA  SS/DLA	Location of PCO TACOM TACOM TACOM	Award Date  Jul 00  Apr 01  Jan 02	Date of First Delivery  Sep 01 Dec 01	QTY Each  4	Unit Cost \$ 461	Specs Avail Now?	Date Revsn Avail	RFP Iss Date
FY 2000 FY 2001 FY 2002	Appleton, WI Pierce Manufacturing Inc. Appleton, WI Pierce Manufacturing Inc.	SS/DLA SS/DLA	TACOM	Apr 01				Yes	N/A	Feb (
FY 2000 FY 2001 FY 2002	Appleton, WI Pierce Manufacturing Inc. Appleton, WI Pierce Manufacturing Inc.	SS/DLA	TACOM	Apr 01				Yes	N/A	Feb (
FY 2002	Pierce Manufacturing Inc. Appleton, WI Pierce Manufacturing Inc.			,	Dec 01	3	2.42	•		1
		SS/DLA	TACOM	Jan 02			343	Yes	N/A	
HEMTT Chassis					Jul 02	10	244	Yes	N/A	
FY 2001	Oshkosh Truck Corp Oshkosh, WI	SS/REQ	TACOM	Mar 01	Aug 01	3	104	Yes	N/A	
FY 2002	Oshkosh Truck Corp Oshkosh, WI	SS/REQ	TACOM	Nov 02	Jun 02	10	74	Yes	N/A	

Award was made to Pierce Manufacturing Inc. through DLA, Philadelphia, for firefighting modules. HEMTT chassis will be GFE to the firefighting apparatus contractor.

	FY 01 / 02 BUDGET PRO	OD	UCTION	SCH	IEDUL	E			Item N JCK, F				, TAC	TICA	AL (D	15802	2)							Date:			Jun	e 200	1			
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				S	PROC	ACCEP	BAL				Ь,				Cale	endar	· Yea	r 01								Caler	dar '	_	_			L A
	COST ELEMENTS	M F R	FY	S E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
Fi	refighting Equipment																															
		1	FY 00	A	4	4	0																									0
		1	FY 01	A	3	0	3							A								3										0
		1	FY 02	A	10	0	10																									4
HI	EMTT Chassis																															
		2	FY 01	A	3	0	3		Ш		Ш		Α					3														0
L		2	FY 02	A	10	0	10		Ш		Щ																		$oldsymbol{oldsymbol{oldsymbol{eta}}}$		_	10
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M			PR	ODUCTI	ON RATES			M	FR						ADM	4INLE	AD T	ΊΜΕ			MFR			TOTA	L	R	EMAF	RKS				
F							REACHED	Nur	nber					Pri	ior 1 O	ct	A	fter 1 (	Oct	A	fter 1 (	Oct	Α	After 1	Oct							
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+		1	INIT					0			9			14			23		_						
1	Pierce Manufacturing Inc., Appleton, WI		1.00		5.00	10.00	12		1	REO	RDER				0			3			6			9		_						
2	Oshkosh Truck Corp, Oshkosh, WI		1.00		25.00	45.00	12	:	2	INIT					0			3			7			10		4						
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	FY 03 / 04 BUDGET PR	OD	UCTION	SCH	IEDUL	E					nclatur FIGHT		, TAC	TICA	AL (D	15802	2)							Date:			Jun	e 200	1			
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				S	PROC	ACCEP	BAL								Cale	endar	· Yea	r 03								Cale	ıdar	_	_			L A
	COST ELEMENTS	M F R	FY	S E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Т
Fi	refighting Equipment																															
		1	FY 00	A	4	4	0																									0
		1	FY 01	A	3	3	0																									0
		1	FY 02	A	10	6	4	2	2																				L			0
HI	EMTT Chassis																												L			
		2	FY 01	A	3	3	0		Ш		Ш																		L			0
L		2	FY 02	A	10	0	10		Α		Ш		_			3	3	3	1							L		╙	L		L	0
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M			PR	ODUCTI	ON RATES			M	FR						ADM	4INLE	AD T	IME			MFR			TOTA	L	R	EMA	RKS				
F							REACHED	Nun	nber					Pri	ior 1 O	ct	At	fter 1 (	)ct	At	fter 1	Oct	Α	After 1	Oct							
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+		, 1	INIT					0			9			14			23		1						
1	Pierce Manufacturing Inc., Appleton, WI		1.00		5.00	10.00	12	1	1	REO	RDER				0			3			6			9		1						
2	Oshkosh Truck Corp, Oshkosh, WI		1.00		25.00	45.00	12	2	2	INIT					0			3			7			10		1						
┕											RDER				0			1			7			8		4						
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Exh	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	D	ate:	J	une 2001												
Appropriation/Budget Acti Other Procurement, Army /1/T		PPORT VEHICLE	ES			P-1 Item Nom FAN		AVY TACTIC	AL VEHICLE	S (FHTV) (D <i>l</i>	A0500)											
Program Elements for Cod	le B Items:			Code:	Other Relat	ed Program El	ements:				) (DA0500)											
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog										
Proc Qty																						
Gross Cost	3672.6	194.7	192.6	209.7	157.6					VEHICLES (FHTV) (DA0500)  FY 2006 FY 2007 To Complete Total Prog												
Less PY Adv Proc																						
Plus CY Adv Proc																						
Net Proc (P-1)	3672.6	194.7	192.6	209.7	157.6																	
Initial Spares	0.9																					
Total Proc Cost	3673.5	194.7	192.6	209.7	157.6					FY 2006 FY 2007 To Complete Total Prog												
Flyaway U/C																						
Wpn Sys Proc U/C																						

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

Funding for the Family of Heavy Tactical Wheeled Vehicles, which are used in line haul, local haul, unit resupply and other missions throughout the tactical environment to support modern and highly mobile combat units. Systems include the Palletized Load System (PLS) and its companion trailers, flat racks, (Container Roll-in/Out Platform (CROP), the CROP Roller Platform for Air Deployment (RPAD) and CROP Aircraft Interface Kit (CAIK) for the BCT, Container Handling Units (CHU), and the Palletized Load System - Enhanced (PLS-E), also known as the Movement Tracking System (MTS). Other trucks included in this family are: the Heavy Equipment Transporter System (HETS), the Heavy Expanded Mobility Tactical Truck (HEMTT). The HTV line also includes the Forward Repair System (FRS) a mobile maintenance platform that mounts on a PLS or HEMTT. These systems support the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

### Justification:

FY02/03 funding fields HEMTT Tanker and HEMTT Wrecker to the Brigade Combat Team (BCT). Continues fill of PLS, HETS, HEMTT, Flat racks and CHU to the Army National Guard Division Redesign units. Continues to field PLS Trailer, CROP, CHU, PLS-E, and FRS to the Digitized Divisions and Corps, and to the BCT.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL A	nent, Army / 1	./			tem Nomenclature F HEAVY TACTICA			Weapon System [	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Family of Heavy Tactical Vehicles													
FHTV (DA0500)													
PALLETIZED LOAD SYSTEM PLS Truck (D16500)		33975	115	295	31713	88	360	32747	89	260			
PLS Truck (D16500) PLS Trailer (D08900)		33975 7705	113 162	293 48	10964	88 222	360 49	6091	89 129	368 47			
Cargo Bed (Flatrack)(D16100)		7703 1495	102	40	17219	1815	49 9	1006	111	9			
Container Handling Unit (D16101)		1473	83	18	5107	259	20	1267	56	23			
PLS-Enhanced (PLS-E) (D16103)		6900	413	17	17651	1335	13	16493	1235	13			
PLS Fielding		2454	113	1,	17031	1333	15	101,55	1233	15			
PLS Project Mgt Suppport		1491											
HEMTT, ALL BODY TYPES													
Truck, Tank, Fuel Svc,(D16202)					19130	45	425	24919	85	293			
Truck, Recovery, 10T, 8x8 (D16203		25324	76	333	23242	47	495	2012	6	335			
Truck, Cargo, 10T, 8x8 (D16204)		14894	65	229				10063	38	265			
Truck, Tractor, 10T, 8x8 (D16205)								2941	14	211			
Heavy Equipment Transporter System		86482	173	500	67655	119	569	45282	79	573			
( HETS) (DV0012)													
Forward Repair System (D16400)		10398	28	371	17020	43	396	14812	33	449			
Total		192591			209701			157633					

Exh	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	]	Date:	J	une 2001											
Appropriation/Budget Act Other Procurement, Army /1/1		PPORT VEHICLE	ES			P-1 Item Non TRU		GO, 57000 GVW,	8X8 (D16204	·)											
Program Elements for Coc	le B Items:			Code: A	Other Relate	ed Program El	ements:														
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog									
Proc Qty		162	141	123	136																
Gross Cost	1886.0	47.0	40.2	42.4	39.9				2005 FY 2006 FY 2007 To Complete Total Prog												
Less PY Adv Proc																					
Plus CY Adv Proc																					
Net Proc (P-1)	1886.0	47.0	40.2	42.4	39.9																
Initial Spares																					
Total Proc Cost	1886.0	47.0	40.2	42.4	39.9				VW, 8X8 (D16204)  D5 FY 2006 FY 2007 To Complete Total Prog												
Flyaway U/C																					
Wpn Sys Proc U/C			0.0		0.0																

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

DESCRIPTION: D16200 funds the Heavy Expanded Mobility Tactical Truck (HEMTT) 10-ton, 8-wheel drive truck in all body styles, including two cargo configurations, a wrecker, tanker and tractor. The HEMTT transports ammunition, petroleum, oils and lubricants and is used as the prime mover for certain missile systems. The M984A1 wrecker is the recovery vehicle for other wheeled support and combat vehicle systems. The M978 Tanker is a 2500-Gallon Fuel Transporter. The M985 HEMTT Cargo is the ammunition transport prime mover for the Multiple-Launch Rocket System (MLRS) and the M983 Tractor is prime mover for the Patriot missile system. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

#### Justification:

JUSTIFICATION: FY02/03 buys 301ea HEMTT M978 Tankers and 145ea HEMTT M984A1 Wreckers to fill shortages in National Guard Bureau (NGB) and Korea, MLRS conversion, and Brigade Combat Team (BCT) requirements; 50ea M983 Tractor to meet NGB Patriot shortages and Theater High Altitude Area Defense (THAAD) unit activation requirements; and 81ea M985 HEMTT Cargo to meet MLRS NGB activation requirements. Army Acquisition Objective for HEMTT is 13,602.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procurer TACTICAL A	nent Army / 1	/			tem Nomenclature ARGO, 57000 GVW			Weapon System	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
	_	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Hardware - HEMTT All Body Types Tanker M978 (D16202) Wrecker M984A1 (D16203) Cargo M985 (D16204) Tractor M983 (D16205)		20915 12338	76 65	275.2 189.8	13191 17571	59 64	223.6 274.5		5	310.0 214.2			
Subtotal		33253			30762			31083					
2.FRET 3. Engineering Changes 4. Government Testing - ATC 5. Documentation 6. Engineering Support Government 7. Quality Assuranc Support - Government 8. Special Tools 9. System Fielding Support 10. PM Support		4007 956 40 152 72 404 511 823			3717 1424 1453 1955 242 240 200 1634 745			3730 872 950 1300 452 244 200 346 758					
Total		40218			42372			39935					

ement History and Planning							Date: J	une 2001	
IPPORT VEHICLES	Weapon Syste	m Type:							
Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Iss Date
Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY1	TACOM	MAR 01	AUG 01	59	224	YES	N/A	N/A
Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY2	TACOM	JAN 02	AUG 02	82	238	YES	N/A	N/A
Oshkosh Truck Corp Oshkosh, WI	OPTION	TACOM	FEB 00	JUN 00	76	275	YES	N/A	N/A
Oshkosh Truck Corp Oshkosh, WI			MAR 01	AUG 01	64	275		N/A	N/A
Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY2	TACOM	JAN 02	AUG 02	5	310	YES	N/A	N/A
Oshkosh Truck Corp Oshkosh, WI	OPTION	TACOM	JAN 00	MAY 00	65	190	YES	N/A	N/A
Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY2	TACOM	JAN 02	AUG 02	36	214	YES	N/A	N/A
Oshkosh Truck Corp Oshkosh, WI	SS/REQ/PY2	TACOM	JAN 02	AUG 02	13	177	YES	N/A	N/A
	Oshkosh Truck Corp Oshkosh, WI	PPORT VEHICLES  Contractor and Location  Contract Method and Type  Oshkosh Truck Corp Oshkosh, WI Oshkosh Truck Corp	PPORT VEHICLES  Contractor and Location  Contract Method and Type  Oshkosh Truck Corp Oshkosh, WI Oshkosh Truck Corp Oshkosh, WI  Oshkosh Truck Corp OpTION TACOM Oshkosh, WI Oshkosh Truck Corp OpTION TACOM Oshkosh Truck Corp Oshkosh, WI Oshkosh Truck Corp Oshkosh, WI Oshkosh Truck Corp Oshkosh, WI	PPORT VEHICLES  Contractor and Location  Contract Method and Type  Oshkosh Truck Corp Oshkosh, WI Oshkosh Truck Corp Oshkosh, WI Oshkosh Truck Corp OpTION Oshkosh Truck Corp OpTION Oshkosh Truck Corp OpTION Oshkosh Truck Corp OpTION Oshkosh Truck Corp Oshkosh, WI Oshkosh Truck Corp OpTION Oshkosh, WI Oshkosh Truck Corp OpTION Oshkosh, WI Oshkosh Truck Corp OpTION Oshkosh Truck Corp Oshkosh, WI	PPORT VEHICLES    Contract	P-1 Line Item Nomene TRUCK, CARGO, 57000 GVV  Contract Method and Type  Oshkosh Truck Corp Oshkosh, WI Oshkosh Truck Corp Oshkosh, WI Oshkosh Truck Corp Oshkosh, WI Oshkosh Truck Corp OpTION TACOM FEB 00 JUN 00 76 Oshkosh, WI Oshkosh Truck Corp OpTION TACOM MAR 01 AUG 01 64 Oshkosh, WI Oshkosh Truck Corp OpTION TACOM JAN 02 AUG 02 5 Oshkosh, WI Oshkosh Truck Corp OpTION TACOM JAN 02 AUG 02 5 Oshkosh Truck Corp OpTION TACOM JAN 02 AUG 02 5 Oshkosh, WI Oshkosh Truck Corp OpTION TACOM JAN 02 AUG 02 5 Oshkosh Truck Corp OpTION TACOM JAN 02 AUG 02 5 Oshkosh, WI Oshkosh Truck Corp OpTION TACOM JAN 02 AUG 02 36 Oshkosh, WI Oshkosh Truck Corp OpTION TACOM JAN 02 AUG 02 36 Oshkosh Truck Corp OpTION TACOM JAN 02 AUG 02 36 Oshkosh Truck Corp Oshkosh, WI Oshkosh Truck Corp OpTION TACOM JAN 02 AUG 02 36 Oshkosh Truck Corp Oshkosh, WI	P-1 Line Item Nomenclature: TRUCK, CARGO, 57000 GVW, 8X8 (D16204)	PORT VEHICLES   Weapon System Type:   P-1 Line   Item Nomentature:   TRUCK, CARGO, 57000 GVW, RNS (D16204)   P-1 Contract or and Location   Contract Method Method Method Method Skosh, WI   Oshkosh Truck Corp Oshkosh, WI   Oshkosh Truck Corp Oshkosh Truck Co	PPORT VEHICLES   Weapon System Type:   P-1 Line   Item Nomenclature:   TRUCK, CAGGO, 57000 GVW, NSW (D16204)   Revsn   Avail   Method and Type   Noshkosh   Truck   Corp Oshkosh, WI   Oshkosh   Truck   Corp   TacOM   TacOM

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Exh	ibit P-40	, Budge	et Item J	ustifica	tion Sho	eet	Ι	Pate:	J	Tune 2001		
Appropriation/Budget Act Other Procurement, Army /1/T		PPORT VEHICL	ES			P-1 Item Non FOR		PAIR SYSTEM	(FRS) (D1640	0)		
Program Elements for Cod	le B Items:			Code: A	Other Relate	ed Program El	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty			28	43	33							
Gross Cost			10.4	17.0	14.8							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)			10.4	17.0	14.8							
Initial Spares												
Total Proc Cost			10.4	17.0	14.8							
Flyaway U/C												
Wpn Sys Proc U/C			0.4	0.4	0.4							

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

This is an Army Warfighter Rapid Acquisition Program (WRAP). The Forward Repair System (FRS) is a high-mobility, forward maintenance system that reduces repair cycle-time, enabling conversion to the Force XXI design. By integrating already proven systems and the prime mover, the FRS places in one package proven tools, test equipment, and heavy lift capability to support forces in the forward battle area. The FRS includes the prime mover as well as a maintenance enclosure with 35KW generator, 5.5-ton capacity crane, welding equipment, industrial-quality power air and hand tools, air compressor, tool cabinets, and accepts as a host platform Force XXI Battle Command Battalion/Brigade and Below (FBCB2) and Movement Tracking System (MTS) connectivity. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

#### Justification:

The FRS will free the M88 recovery vehicle from its present captive role as a repair vehicle, which means increased availability of M88 recovery vehicles for recovery missions. The FRS will replace M113 tracked systems currently performing this mission, yielding a 90% reduction in repair parts costs as well as enhanced battlefield capability with demonstrated reductions in repair cycle time (RCT) of 35-50%. The FRS meets maneuver commander's need for a repair system that is responsive, effective, and reduces the number of systems requiring evacuation. The FY02/03 program buys 92 FRS systems for the Digitized Divisions and Interim Brigade Combat Team (IBCT). FRS Army Acquisition Objective (AAO) is 370.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procurer TACTICAL A	udget Activ nent, Army / 1 ND SUPPOR	ity/Serial No. / r vehicles			tem Nomenclature  REPAIR SYSTEM			Weapon System	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Vehicle Forward Repair System (D16400)	A	6382	28	228	10821	43	252	8577	33	260			
PLS Truck (D16400)	A	2987	26 11	272	5415		285	5412	18				
SubTotal		9369			16236			13989					
2. ECPs		27			269			327					
3. Government Testing		21			209			321					
<ul><li>4. System Fielding Support</li><li>5. Special Tools</li></ul>		116			227			241 23					
6. Documentation		673			15			50					
<ul><li>7. Engineering Support</li><li>8. Quality Assurance Support</li></ul>		55 45			14			62 21					
Quanty Assurance Support     Program Management Support		45 113			21 238			21 99					
Total		10398			17020			14812					
<del></del>					=: <b>02</b> 0								

Exhibit P-5a, Budget Procurem	nent History and Planning							Date:	une 2001	
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND SUPPO	RT VEHICLES	Weapon Syste	m Type:			em Nomenc EPAIR SYSTEM	lature: I (FRS) (D16400)			
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Iss Date
Forward Repair System (D16400)										
FY 2000	Rock Island Arsenal Rock Island, IL	FFP	TACOM	Dec 99	Aug 00	23	228	Yes		
FY 2000	Rock Island Arsenal Rock Island, IL	Option	TACOM	Aug 00	Nov 00	5	228	Yes		
FY 2001	Rock Island Arsenal Rock Island, IL	Option	TACOM	Dec 00	Jun 01	16	252	Yes		
FY 2001	Rock Island Arsenal Rock Island, IL	Option	TACOM	Feb 01	Aug 01	15	252	Yes		
FY 2001	Rock Island Arsenal Rock Island, IL	Option	TACOM	Mar 01	Aug 01	12	252	Yes		
FY 2002	Rock Island Arsenal Rock Island, IL	Option	TACOM	Dec 01	Jun 02	33	260	Yes		
PLS Truck (D16400)										
FY 2000	Oshkosh Truck Corp. Oshkosh, WI	Option	TACOM	Jan 00	Aug 00	11	272	Yes		
FY 2001	Oshkosh Truck Corp. Oshkosh, WI	SS/REQ/PY1	TACOM	Mar 01	Aug 01	19	285	Yes		
FY 2002	Oshkosh Truck Corp. Oshkosh, WI	SS/REQ/PY2	TACOM	Jan 02	Aug 02	18	301	Yes		

	FY 00 / 01 BUDGET PR	ROD	UCTION	SCE	I <b>EDU</b> L	E			tem N WAR				TEM	(FRS	5) (D1c	6400)								Date:			Jur	e 200	1			
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				S	PROC	ACCEP	BAL			_	Ц,				Cale	endar	Yea	r 00						_	_	Cale	ıdar	Year	01		_	L A
	COST ELEMENTS	M F R	FY	S E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T
Fo	orward Repair System (D16400)																												H	+		
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1	Rock Island Arsenal, Rock Island, IL		1.00		20.00	35.00	12				RDER				0			2			6			8		4						
2	Oshkosh Truck Corp., Oshkosh, WI		1.00		25.00	45.00	12	1	2	INIT			_		0			5			5			10		4						
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	FY 02 / 03 BUDGET PF	ROD	UCTION	SCE	IEDUL!	E			tem No WARI				ТЕМ	(FRS	) (D1 <i>6</i>	6400)								Date:			Jun	e 200	1			
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	COST ELEMENTS	M F R	FY	S E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
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F							REACHED	Nun	nber					Pri	or 1 Oc	ct	Af	ter 1 C	)ct	A	fter 1 (	Oct	Α	After 1	Oct							
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+	1		INIT					0			2			8			10								
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2	Oshkosh Truck Corp., Oshkosh, WI		1.00		25.00	45.00	12	2	2	INIT		_	_		0			5			5			10		4						
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	FY 04 / 05 BUDGET P	ROD	UCTION	SCE	IEDUL	E			tem N WARI				ТЕМ	(FRS	) (D1 <i>6</i>	6400)								Date:			Jur	e 200	1			
												Fis	scal Y	'ear (	)4									I	iscal	Year	05					
				S	PROC	ACCEP	BAL								Cale	ndar	Yea	r 04						_		Caler	ıdar	Year	05		_	L A
	COST ELEMENTS	M F R	FY	S E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
Fo	orward Repair System (D16400)									$\dashv$		$\dashv$	$\dashv$	$\dashv$		$\dashv$										$\vdash$	+		H	+		
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M			PR	ODUCT	ON RATES			M	FR						ADM	IINLE.	AD T	IME			MFR			TOTA	L	R	EMA	RKS				
F							REACHED	Nur	nber					Pri	ior 1 Oc	ct	A	ter 1 C	)ct	A	fter 1 (	Oct	Α	After 1	Oct	_						
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+		1	INIT					0			2			8			10								
1	Rock Island Arsenal, Rock Island, IL		1.00		20.00	35.00	12		1	REO	RDER		_		0			2			6			8		4						
2	Oshkosh Truck Corp., Oshkosh, WI		1.00		25.00	45.00	12	:	2	INIT			_		0			5			5			10		4						
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Exh	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	Г	Oate:	J	Tune 2001		
Appropriation/Budget Acti Other Procurement, Army /1/T		JPPORT VEHICLI	ES			P-1 Item Non TRU		ETIZED LOAD	SYSTEM (PL	S), 10X10 (D1	16500)	
Program Elements for Cod	e B Items:			Code: A	Other Relat	ed Program El	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	3099	142	115	88	89							
Gross Cost	830.7	58.0	51.5	82.7	57.6							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	830.7	58.0	51.5	82.7	57.6							
Initial Spares												
Total Proc Cost	830.7	58.0	51.5	82.7	57.6							
Flyaway U/C												
Wpn Sys Proc U/C		0.0	0.0	0.0								

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The Palletized Load System (PLS) is the primary component of the Modular Ammunition Company Concept and is interoperable with the comparable British, German and French systems, through the use of a common flatrack. The PLS consists of a 16.5-ton payload prime mover (10x10) with an integral load-handling system, which provides self-loading and unloading capability; a 16.5-ton payload trailer; and demountable cargo beds, or flatracks. The Container Handling Unit (CHU) is being fielded to transportation and ammunition units and to forward support battalions, providing the capability to pick up and transport 20-foot International Standards Organization (ISO) containers without the use of a flatrack. The Palletized Load System - Enhanced (PLS-E) program procures the Movement Tracking System (MTS), providing a multitude of tactical wheeled vehicles (PLS, Heavy Expanded Mobility Tactical Truck, Medium Tactical Vehicle, etc.) with Global Positioning System (GPS) capability and two-way digital messaging. The PLS Truck performs line haul, local haul, unit resupply and other missions in the tactical environment to support modern and highly mobile combat units and is equipped with a central tire inflation system (CTIS) which significantly improves off-road mobility. Current flatrack funding buys the Container Roll-in/out Platform (CROP), an A-frame type flatrack, which fits inside a 20-foot ISO inter-modal container. FY01 funded the acquisition of the Roller Platform for Air Deployment (RPAD) Kit and CROP Aircraft Interface Kit (CAIK), which speed the loading/unloading of CROPS onto USAF aircraft in support of Brigade Combat Team (BCT) requirements. Quantities noted above are for truck prime mover only. Army Acquisition Objectives (AAO) for PLS equipment are as follows: PLS Truck - 4,763, PLS Trailer - 3,824, Flatracks - 59,962, Container Handling Unit - 1,869, PLS-E - 35,702. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

#### Justification:

FY02/03 fields PLS Truck, Trailer, CROP, CHU, flatracks, and PLS-E to the Digitized Divisions and Brigade Combat Teams (BCT) as well as the Army National Guard Redesign units.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL A	tudget Activ nent, Army / 1 ND SUPPORT	ity/Serial No. / r vehicles			tem Nomenclature ALLETIZED LOAD 6500)			Weapon System	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Hardware		21212		272	25115	00	205	26750	00	201			
PLS Truck (D16500)		31312	115	272	25115	88	285	26759					
PLS Trailer (D08900)		7637	162	47	9330	222	42	5681	129				
Cargo Bed, Demountable (D16100)		1495			12946		7 15	846	111	8			
CROP RPAD Kit (D16100)					1360	88 217							
CROP CAI Kit (D16100)		1170	ດາ	1.5	1600	217 259	7 18	1000	5.0	10			
PLS Container Handling Unit (D16101)		1170	83	15	4662			1008	56 1235				
PLS Enhanced (D16103)		6900	413	17	17651	1335	13	16493	1235	13			
new element		48514			72664			50787					
2. Engineering Changes		432			1453			1131					
3. Government Testing - ATC		365			1455			1100					
4. Documentation		581			655			780					
5. Engineering Support - Government		335			440			479					
6. Quality Assurance Supt- Government		202			383			393					
7. Special Tools								100					
8. System Fielding Support		599			3903			1265					
9. PM Support		520			1701			1569					
Total		51548			82654			57604					

Exhibit P-5a, Budget Procurem	ent History and Planning							Date: J	une 2001	
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND SUPPO	RT VEHICLES	Weapon System	т Туре:			em Nomeno LETIZED LOAD	elature: O SYSTEM (PLS), 10:	X10 (D1650	0)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
PLS Truck (D16500)										
FY 2000	Oshkosh Truck Corp. (OTC) Oshkosh, WI	Option	TACOM	Jan 00	May 00	101	272	Yes		
FY 2000	Oshkosh Truck Corp. (OTC) Oshkosh, WI	Option	TACOM	Sep 00	May 01	14	272	Yes		
FY 2001	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY1	TACOM	Mar 01	Aug 01	88	285	Yes		
FY 2002	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY2	TACOM	Jan 02	Aug 02	89	301	Yes		
PLS Trailer (D08900)										
FY 2000	Oshkosh Truck Corp. (OTC) Oshkosh, WI	Option	TACOM	Jan 00	Aug 00	125	47	Yes		
FY 2000	Oshkosh Truck Corp. (OTC) Oshkosh, WI	Option	TACOM	Sep 00	Mar 01	37	47	Yes		
FY 2001	Oshkosh Truck Corp. (OTC) Oshkosh, WI	Option	TACOM	Jan 01	Aug 01	47	42	Yes		
FY 2001	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY1	TACOM	Mar 01	Aug 01	175	42	Yes		
FY 2002	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY2	TACOM	Jan 02	Aug 02	129	44	Yes		
Cargo Bed, Demountable (D16100)	, in the second									
FY 2001	Summa Technologies Huntsville, AL	Option	TACOM	Nov 00	May 01	1114	7	Yes		
FY 2001	Hyundai San Diego, CA	Option	TACOM	Nov 00	May 01	618	7	Yes		
FY 2001	TBS - New Contract	C/FFP	TACOM	Jan 02	Aug 02	83	7	Yes		Aug 01

Exhibit P-5a, Budget Procuremen	nt History and Planning							Date: J	une 2001	
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND SUPPORT	VEHICLES	Weapon Syst	em Type:			em Nomeno LETIZED LOAI	clature: O SYSTEM (PLS), 10:	X10 (D1650	0)	
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issu Date
FY 2002 PLS Container Handling Unit (D16101)	TBS - New Contract	C/FFP	ТАСОМ	Jan 02	Aug 02	111	8	Yes		Aug (
FY 2000	Oshkosh Truck Corp. (OTC) Oshkosh, WI	Option	TACOM	Jan 00	Aug 00	83	15	Yes		
FY 2001	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/FFP	TACOM	Jun 01	Aug 01	259	18	Yes		
FY 2002 PLS Enhanced (D16103)	TBS - New Contract	C/FFP	TACOM	Jan 02	Aug 02	56	18	Yes		Aug 0
FY 2000	Comtech Mobile Datacom Germantown, MD	REQ/PY2	CECOM, Washington, DC	Aug 00	Sep 00	413	17	Yes		
FY 2001	Comtech Mobile Datacom Germantown, MD	REQ/PY3	CECOM, Washington, DC	Apr 01	May 01	466	13	Yes		
FY 2001	Comtech Mobile Datacom Germantown, MD	REQ/PY3	CECOM, Washington, DC	Jun 01	Oct 01	869	13	Yes		
FY 2002	Comtech Mobile Datacom Germantown, MD	REQ/PY4	CECOM, Washington, DC	Dec 01	May 02	1235	13	Yes		

FY 00 / 01 BUDGET	Γ PROI	OUCTION	N SCI	HEDUL	E		•	Item N JCK, I				OAD	SYST	ГЕМ (	PLS)	, 10X	10 (D	16500	)			D	ate:			June	2001				
											Fi	iscal Y	Year (	00									Fi	iscal `	Year (	01					
			S	PROC	ACCEP	BAL								Cale	ndar	Year	00							(	Calen	dar Y	ear 0	1			L A
COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	I I
PLS Truck (D16500)																		_													
125 11 <b>40</b> 1 (B10000)	1	FY 00	A	101	0	101				۸				10	12	15	10	10	10	0	o	2	4	6	6						
	1	FY 00	A	14	0	14				Α				10	12	13	10	10	10	0	٥		4	0	0	o	6				
	1	FY 01	A	88	0	88												Λ						Λ		0	U		6	7	
	1	FY 02	A	89	0	89																		Α					0	,	
PLS Trailer (D08900)			$\vdash$		-																										
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	6	FY 00	Α	37	0	37				11							10	A	10	10	10	10	10	7	7	7	8	R			
	6	FY 01	A	175	0	175																		A	,	,	J	Ü			
	6	FY 01	A	47	0	47																А							19	19	
	6	FY 02	A	129	0	129																									
PLS Enhanced (D16103)																															
	2	FY 00	A	413	0	413											Α	93	160	160											
	2	FY 01	A	466	0	466																			Α	66	100	100	100	100	
	2	FY 01	A	869	0	869																					Α				
	2	FY 02	A	1235	0	1235																									1
Total				3788		3788								10	12	15	20	113	180	178	18	12	14	24	24	92	125	119	125	126	2
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	0	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
М		Pl	RODUCT	ION RATES			M	FR						ADM	IINLE	AD TI	ME			MFR		T	OTAI	L	RE	MARI	KS				
F						REACHED	Nui	mber					Pr	ior 1 Oc	et	Aft	er 1 O	ct	Af	ter 1 Oc	et	Aft	er 1 C	Oct					truck		
R NAME/LOCATION		MIN.		1-8-5	MAX.	D+		1	INIT	ΊAL				0			5			5			10						odate:		1
1 Oshkosh Truck Corp. (OTC), Oshkosh, WI		1.00		25.00	45.00	12		1	REO	RDER	t .			0			3			7			10						actor's		rate
2 Comtech Mobile Datacom, Germantown, MD		10.00		100.00	200.00	12		2	INIT					0			20			5			25		pro	ductio	n line	e.			
3 Summa Technologies, Huntsville, AL		25.00		160.00	400.00	12				RDER	1			0			2	_		5			7								
4 Hyundai, San Diego, CA		75.00		630.00	800.00	12		3	INIT					0			5			11			16								
5 TBS - New Contract		5.00		160.00	350.00	12				RDER	1			0			3			6			9								
6 OTC - Trailer Production, Bradenton, FL		5.00		50.00	100.00	12		4	INIT					0			9			9			18								
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3 Summa Technologies, Huntsville, AL		25.00		160.00	400.00	12	1	2	REO	RDER				0			2			5			7								
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Contect Mobile Datacom, Germantown, MD   10,00   100,00   200,00   12   2   1NITIAL   0   20   5   25	NAME/LOCATION		MIN.		1-8-5	MAX.	D+			INIT	ΊAL				0			5			5			10		]						
Summa Technologies, Huntsville, AL   25.00   160.00   400.00   12   REORDER   0   2   5   7	Oshkosh Truck Corp. (OTC), Oshkosh, WI		1.00		25.00	45.00	12		l	REO	RDER				0			3			7			10		]						
3       Summa Technologies, Huntsville, AL       25.00       160.00       400.00       12       REORDER       0       2       5       7         4       Hyundai, San Diego, CA       75.00       630.00       800.00       12       3       INITIAL       0       5       11       16         5       TBS - New Contract       5.00       160.00       350.00       12       REORDER       0       3       6       9         6       OTC - Trailer Production, Bradenton, FL       5.00       50.00       100.00       12       4       INITIAL       0       9       9       18         8       FEORDER       5       10       3       6       9         9       INITIAL       0       3       6       9         9       INITIAL       0       3       6       9         10       10       1       1       1       1       1         10       1 <td< td=""><td>2 Comtech Mobile Datacom, Germantown, MD</td><td></td><td>10.00</td><td></td><td>100.00</td><td>200.00</td><td>12</td><td>,</td><td>,</td><td>INIT</td><td>ΊAL</td><td></td><td></td><td></td><td>0</td><td></td><td></td><td>20</td><td></td><td></td><td>5</td><td></td><td></td><td>25</td><td></td><td>]</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	2 Comtech Mobile Datacom, Germantown, MD		10.00		100.00	200.00	12	,	,	INIT	ΊAL				0			20			5			25		]						
TBS - New Contract   5.00   160.00   350.00   12   REORDER   0   3   6   9	3 Summa Technologies, Huntsville, AL		25.00		160.00	400.00	12		_	REO	RDER				0			2			5			7		1						
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REORDER   0   3   6   9																										4						
5   INITIAL   0   3   6   9	6 OTC - Trailer Production, Bradenton, FL		5.00		50.00	100.00	12	4	4							_			_							4						
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Exhi	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	D	ate:	J	June 2001		
Appropriation/Budget Activ Other Procurement, Army /1/TA		JPPORT VEHICLI	ES			P-1 Item Non HEA		MENT TRANS	PORTER SYS	(DV0012)		
Program Elements for Code	e B Items:			Code: A	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	378	192	173	119	79							
Gross Cost	512.8	89.7	86.5	67.7	45.3							
Less PY Adv Proc	0.0	0.0	0.0	0.0	0.0							
Plus CY Adv Proc	0.0	0.0	0.0	0.0	0.0							
Net Proc (P-1)	512.8	89.7	86.5	67.7	45.3							
Initial Spares												
Total Proc Cost	512.8	89.7	86.5	67.7	45.3							
Flyaway U/C												
Wpn Sys Proc U/C		467.1	499.9	568.5	573.2							

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The Heavy Equipment Transporter System (HETS) consists of the M1070 Truck Tractor and the M1000 Semitrailer. Together, they form a system whose primary mission is to transport main battle tanks and heavy equipment. The HETS continues to provide the only tactical transportation and evacuation support for the main battle tank and other heavy tracked combat vehicles. The M1070/M1000 HETS also has the capability to self-load and unload disabled tanks. Quantities shown above are Direct Army, and with additional Prior Years quantities bought and fielded for the Office of Chief, Army Reserve (OCAR) and National Guard Bureau (NGB), total HETS procured by FY02 will be 2443 systems. This system supports the Legacy transition path of the Transformation Campaign Plan (TCP).

### Justification:

FY02/03 procures 79 systems for the Army National Guard Division Redesign Study (ADRS) HET Transportation Motor Transport companies. The HETS Army Acquisition Objective (AAO) is 2580.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL A	nent, Army / 1	. /			tem Nomenclature OUIPMENT TRANS		012)	Weapon System	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
System Hardware     M1070 Tractor     M1000 Trailer     FRET	A A	41677 33447 5100	173 170	247 197	30178 26844 3622	119 120	254 224	20216 16108 2511	79 79	255 203			
SubTotal		80224			60644			38835					
<ol> <li>ECPs</li> <li>Testing</li> <li>System Fielding Support</li> <li>Documentation</li> <li>Quality Assurance Support</li> <li>Program Management Support</li> </ol>		1640 291 1247 1447 567 1066			3621 1245 550 370 557 668			1165 718 710 1310 655 1889					
Total		86482			67655			45282					

urement History and Planning							Date: J	une 2001	
SUPPORT VEHICLES	Weapon Syste	m Type:					0012)		
Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Iss Date
Oshkosh Truck Corp. Oshkosh, WI	Option	TACOM	Dec 99	Aug 00	173	247	Yes	N/A	N/A
Oshkosh Truck Corp. Oshkosh, WI	SS/REQ/PY1	TACOM	Mar 01	Aug 01	119	254	Yes	N/A	N/A
Oshkosh Truck Corp. Oshkosh, WI	SS/REQ/PY2	TACOM	Jan 02	Aug 02	79	255	Yes	N/A	N/A
Systems & Electronics, Inc. St. Louis, MO	Option	TACOM	Dec 99	Jun 00	170	197	Yes	N/A	N/A
Systems & Electronics, Inc. St. Louis, MO	SS/REQ/PY1	TACOM	Jan 01	Aug 01	120	224	Yes	N/A	N/A
Systems & Electronics, Inc. St. Louis, MO	SS/REQ/PY2	TACOM	Jan 02	Aug 02	79	203	Yes	N/A	N/A
	Oshkosh Truck Corp. Oshkosh, WI Systems & Electronics, Inc. St. Louis, MO Systems & Electronics, Inc. St. Louis, MO Systems & Electronics, Inc.	Oshkosh Truck Corp. Oshkosh, WI Systems & Electronics, Inc. St. Louis, MO Systems & Electronics, Inc. SS/REQ/PY1 SS/REQ/PY1 St. Louis, MO Systems & Electronics, Inc. SS/REQ/PY2	Contractor and Location  Contract Method and Type  Oshkosh Truck Corp. Option Oshkosh, WI Oshkosh Truck Corp. Oshkosh, WI Oshkosh, WI Oshkosh Truck Corp. Oshkosh, WI Oshkosh Truck Corp. Oshkosh, WI Oshkosh, WI Oshkosh Truck Corp. Oshkosh, WI  Systems & Electronics, Inc. St. Louis, MO Systems & Electronics, Inc. SS/REQ/PY1 TACOM  TACOM  TACOM  Systems & Electronics, Inc. SS/REQ/PY1 TACOM  Systems & Electronics, Inc. SS/REQ/PY2 TACOM	Weapon System Type:    Contract	Weapon System Type:  Contractor and Location  Contract Method and Type  Oshkosh Truck Corp. Option Oshkosh, WI Oshkosh Truck Corp. Oshkosh Truck C	Weapon System Type:  Contract Method and Type  Contract Method Award Date Pale of First QTY Aug 00  173  Contract Mary Com  Contract Method Award Date Mary Com  Contract Mary Com  Contract Method Award Date Mary Com  Contract Mary Com  Contract Method Award Date Mary Com  Contract Mary Com  Contract Mary Com  Contract M	SUPPORT VEHICLES    Contractor and Location   Contract Method and Type   Location of PCO   Award Date   Date of First Delivery   Each   S	SUPPORT VEHICLES  Contractor and Location  Contract Method and Type  Oshkosh Truck Corp. Oshkosh, WI Oshkosh Truck Corp. O	SUPPORT VEHICLES  Contractor and Location  Contract Method and Type  Coshkosh Truck Corp. Oshkosh, WI Oshkosh Truck Corp. Oshk

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2	Systems & Electronics, Inc., St. Louis, MO		1.00		18.00	36.00	12	:	2	INIT					0			4			16			20		4						
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M	1070 Tractor												$\dashv$			$\dashv$							H	+	+	+					$\vdash$		
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R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+	,		INIT					0			4			5			9									
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Program Elements for Code	e B Items:				Other Relate	ed Program Ele	ements:												
	Prior Years	A																	
Proc Qty	24		A FY 2000 FY 2001 FY 2002 FY 2003 FY 2004 FY 2005 FY 2006 FY 2007 To Complete Total P																
Gross Cost	18.9		8.0	14.8	14.5														
Less PY Adv Proc	0.0	0.0	0.0	0.0	0.0														
Plus CY Adv Proc	0.0	0.0	0.0	0.0	0.0														
Net Proc (P-1)	18.9		8.0	14.8	14.5														
Initial Spares				P-1   Item Nomenclature   ARMORED   SECURITY   VEHICLES   (ASV)   (D02800)															
Total Proc Cost	18.9		8.0	14.8	14.5	P-1 Item Nomenclature													
Flyaway U/C										(ASV) (D02800)									
Wpn Sys Proc U/C			801.3	705.6	724.2														

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The Armored Security Vehicle (ASV) is an all-wheel drive armored vehicle that provides ballistic protection, overhead protection and protection against landmines. The ASV accepts the MK-19 Grenade Machine Gun, the M-2 .50 caliber machine gun and the M249 5.56 mm Squad Automatic Weapon (SAW) machine gun. The ASV is transportable by C-130 and larger aircraft, rail, and marine transport modes, and are capable of carrying four persons. The vehicle has a diesel engine, automatic transmission, central tire inflation system, and a payload of 3,360 lbs. Additional survivability enhancements include, gas particulate ventilated face pieces, a multi-salvo smoke grenade launcher, a crew/engine compartment fire suppression system, an intercom system with radio interface, transparent armor and blackout capability. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

### Justification:

FY02/03 funding procures 40 Armored Security Vehicles. The ASV will be used by the Military Police (MP) to perform missions of security, battlefield circulation and law and order across the entire operational continuum. The MP units are under-protected for their doctrinal combat support mission. The ASV concept was approved in June 1987 under the Armored Family of Vehicles Operational and Organizational concept. The MPs will either conduct Force XXI missions in a warfighting environment or they will perform force protection and stabilization operations in a short of war contingency environment. The Army Acquisition Objective (AAO) is 1,802.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL Al	nent, Army / 1	/			tem Nomenclature SECURITY VEHIO		0)	Weapon System	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
<b>Cost Elements</b>	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Vehicle (D02800) Engineering Changes Kits - Night Vision Testing - Govt Documentation System Technical Support (STS) Engineering Spt (In-House) Fielding Support Project Management Support	A	5683 57 295 100 635 261 504 478	10	568	11934 167 123 210 670 651 290 268 504	3	568	11365 159 816 212 102 670 296 348 515	20 20				
Total		8013			14817			14483					

Exhibit P-5a, Budget Procur	ement History and Planning							Date:	une 2001	
ppropriation/Budget Activity/Serial No: hther Procurement, Army / 1 / TACTICAL AND SUI	PPORT VEHICLES	Weapon Syste	ет Туре:			em Nomenc CURITY VEHI	lature: CLES (ASV) (D0280	0)		
/BS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Is Date
Vehicle (D02800)										
FY 2000	Textron Marine & Land Systems New Orleans, LA	SSM-5(2)	TACOM	Feb 00	Apr 01	10	568	Yes	N/A	N/.
FY 2001	Textron Marine & Land Systems New Orleans, LA	SSM-5(3)	TACOM	Nov 00	Sep 01	20	568	Yes	N/A	N/
FY 2001	Textron Marine & Land Systems New Orleans, LA	SS/Option	TACOM	Apr 01	Jul 02	1	568	Yes	N/A	N/.
FY 2002	Textron Marine & Land Systems New Orleans, LA	SSM-5(4)	TACOM	Jan 02	Jul 02	20	568	Yes	N/A	N/.

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M			PR	ODUCT	ION RATES			M	FR						ADM	/INLE	EAD T	IME			MFR			ТОТА	L	RI	EMAF	RKS				
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R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+			INIT	IAL				0			5			13			18								
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Gross Cost         419.1         64.9         45.5         43.6         47.5           Less PY Adv Proc         Plus CY Adv Proc         Image: CY Adv Proc         <																
		PPORT VEHICLE	ES					TOR, LINE HA	UL, M915/M9	16 (DA0600)						
Program Elements for Cod	e B Items:				Other Relat	ed Program El	ements:									
	Program Elements for Code B Items:  Code: A  Other Related Program Elements:  Prior Years FY 1999 FY 2000 FY 2001 FY 2002 FY 2003 FY 2004 FY 2005 FY 2006 FY 2007 To Complete Total FY 2005 FY 2006 FY 2007 TO Complete Total FY 2005 FY 2007 TO Complete Total FY 2005 FY 2006 FY 2007 TO Complete Total FY 2005 FY 2007 TO Complete Total FY 2005 FY 2007 FY 2007 TO Complete Total FY 2007															
Proc Qty	7410	440														
Gross Cost	419.1	64.9	45.5	43.6	47.5											
Less PY Adv Proc			TRUCK, TRACTOR, LINE HAUL, M915/M916 (DA0600)  Code:													
Plus CY Adv Proc			Code: A   Other Related Program Elements:													
Net Proc (P-1)	419.1	64.9	45.5	43.6	47.5											
Initial Spares	0.5															
Total Proc Cost	419.6	64.9	45.5	43.6	47.5											
Flyaway U/C																
Wpn Sys Proc U/C																

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

This is a roll of two tractors, Truck, Tractor Line Haul (M915) and the Truck, Tractor, Light Equipment Transporter (LET), (M916). These two tractors share common components, such as the cab, engine, and transmission, to form a family of vehicles. These systems support the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

#### Justification:

The FY 02/03 funding is required to procure new vehicles for newly activated petroleum companies organized as a result of a Desert Storm deficiency. These new petroleum companies will add necessary fuel handling capability to support the modern battlefield. Without these new trucks, the petroleum units will be activated with new M1062 semi-trailer tankers and no trucks to haul them and the previous deficiency to supply fuel to move forces will continue. Because the 18-20 year old M915 truck tractor is experiencing below the goal mission capable rates and is difficult and expensive to support due to its age, the new M915A3 truck tractor will significantly improve readiness by leveraging high production rate commercial truck technology.

The M916A3 Truck Tractor will replace overage M916 Truck Tractors, which are 18-20 years old and experiencing below the goal mission capable rates.

Exh	Ciross Cost 290.9 64.9 45.5 43.6 43.3															
		PPORT VEHICLE	ES					ΓOR, LINE HA	UL, M915A2 (	(D15900)						
Program Elements for Code	e B Items:				Other Relate	ed Program Ele	ements:									
	A Prior Years FY 1999 FY 2000 FY 2001 FY 2002 FY 2003 FY 2004 FY 2005 FY 2006 FY 2007 To Complete Total															
Proc Qty	5417	440	287	275	284											
Gross Cost	290.9	64.9	45.5	43.6	43.3											
Less PY Adv Proc				Code: A   Other Related Program Elements:     FY 2000   FY 2001   FY 2002   FY 2003   FY 2004   FY 2005   FY 2006   FY 2007   To Complete   To 287   275   284												
Plus CY Adv Proc																
Net Proc (P-1)	290.9	64.9	45.5	43.6	43.3											
Initial Spares	0.2															
Total Proc Cost	291.1	64.9	45.5	43.6	43.3											
Flyaway U/C																
Wpn Sys Proc U/C		147.5	158.5	158.5	152.3											

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The M915A3 Line Haul Tractor is a Non-Developmental item found primarily in medium transportation companies and is a prime mover used to transport breakbulk, containers, and petroleum over primary and secondary roads. It is a 6x4 tractor with a 2 ½-inch kingpin and 105,000 Gross Combination Vehicle Weight (GCVW) capacity. The M915A3 is transportable by highway, rail, marine, and air modes worldwide. These systems support the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

## Justification:

The acquisition of the M915A3s are required to provide prime-mover capability to newly activated Petroleum Transportation Companies organized as a result of a Desert Storm deficiency and to provide vehicles to fill shortages in selected National Guard and Army Reserve units. Without these new trucks, the petroleum units will be activated with new M1062 trailers and no trucks to haul them and the previous deficiency to supply fuel to move forces will continue. Because the M915 truck tractor is experiencing below the goal mission capable rates and is difficult and expensive to support due to its age, the new M915A3 truck tractor will significantly improve readiness by leveraging high production rate commercial truck technology. The Army's Acquisition Objective is 6.956.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL AN	udget Activ nent, Army / 1 ND SUPPOR	ity/Serial No. / r vehicles			tem Nomenclature RACTOR, LINE HA		00)	Weapon System	Гуре:	Date: June 2	2001
	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Hardware - M915A3 FET for M915A3		32725 3927	275	119	33275 3641	263	127	35216 4225	284	124			
Hardware - M916A2 (from DAMPL Issue)		1917	12	160	1917	12	160	4223					
Documentation		4000		100	650	12	100	500					
new element		275			600			400					
Testing - Prod Verification Test		300			400			450					
Engineering - In House		100			150			150					
QA Support Program Management		550 125			600 500			650 250					
Engineering Change Proposals		1563			253			1423					
System Fielding Support		1303			1600			1423					
3 - H													
Total		45482			43586			43264					
10(3)		45462			43380			43204					

Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND SUPPORT V	/EHICLES	Weapon System	п Туре:			em Nomenc CTOR, LINE HA	lature: .UL, M915A2 (D159	00)		
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Is Dat
Hardware - M915A3										
FY 2000	Freightliner Corporation Portland, OR	CFP RQ5(1)	TACOM, Warren, MI	Sep 00	Feb 02	275	119	YES	N/A	
FY 2001	Freightliner Corporation Portland, OR	CFP RQ5(2)	TACOM, Warren, MI	Dec 00	Jul 02	255	121	YES	N/A	
FY 2001	Freightliner Corporation Portland, OR	CPFRQ5(2A)	TACOM, Warren, MI	Jun 01	Feb 02	8	121	YES	N/A	
FY 2002	Freightliner Corporation Portland, OR	CFP RQ5(3)	TACOM, Warren, MI	Dec 01	May 02	284	124	YES	N/A	
Hardware - M916A2 (from DAMPL Issue)	,									
FY 2000	Freightliner Corporation Portland, OR	Option	TACOM, Warren, MI	Mar 00	Oct 00	12	160	YES	N/A	
FY 2001	Freightliner Corporation Portland, OR	Option	TACOM, Warren, MI	Dec 00	May 01	12	160	YES	N/A	

	FY 00 / 01 BUDGET	PROI	OUCTION	SCF	IEDUL	E			Item N JCK, T				E HA	UL, M	Л915 <i>А</i>	<b>A</b> 2 (D	1590	0)						Date:			Jun	e 2001	1			
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На	ardware - M915A3								Н		Н														+							
		1	FY 00	A	275	0	275												A													275
		1	FY 01	A	8	0	8																					Α				8
		1	FY 01	A	255	0	255															A										255
		1	FY 02	A	284	0	284																									284
На	ardware - M916A2 (from DAMPL Issue)																															
		2	FY 00	A	12	0	12						Α							12												0
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M			PR	ODUCT	ION RATES			M	FR						ADM	/INLE	AD T	IME			MFR			TOTA	ΛL	R	EMAF	RKS				
F							REACHED	Nur	nber					Pri	ior 1 O	ct	A	fter 1 C	)ct	A	fter 1 (	Oct	Α	After 1	Oct							n above
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		1	FY 01	A	8	0	8					8																					0
		1	FY 01	A	255	0	255										37	37	37	37	37	37	33	3									0
		1	FY 02	A	284	0	284			Α					5							10	25	5 2	5 2:	5 2	4 2	.5 2	25	25	25	25	45
На	ardware - M916A2 (from DAMPL Issue)																																
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								O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	Α	P	Α	υ	ΙI	J	A S J E G F		
M			PR	ODUCT	ON RATES			M	FR						ADM	MINLE	AD T	IME			MFR			TOTA	ΛL	F	REMA	RKS					
F							REACHED	Nur	mber					Pri	ior 1 O	ct	At	fter 1 C	)ct	A	fter 1	Oct	Α	After 1	Oct						le sho		
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Ha	rdware - M915A3																									Н			H			
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		1	FY 01	A	8	8	0																									0
		1	FY 01	A	255	255	0																									0
		1	FY 02	A	284	239	45	25	20																							0
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Appropriation/Budget Activ Other Procurement, Army /1/TA		JPPORT VEHICL	ES			P-1 Item Non TRU		, LT EQ TRANS	S, 6 X 6, M916	A1 (D19601)		
Program Elements for Code	B Items:			Code: A	Other Relat	ed Program Ele	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	770				19							
Gross Cost	52.1				4.2							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	52.1				4.2							
Initial Spares	0.3											
Total Proc Cost	52.4				4.2							
Flyaway U/C												
Wpn Sys Proc U/C					223.3							

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The M916A2 Light Equipment Transporter (LET) is a 68,000 GVW tractor with a 3-1/2-inch, 40,000-pound capacity with Compensator Fifth Wheel. It has an electronic diesel engine, automatic electronic transmission, anti-lock brakes, air conditioning, and is capable of operating at speeds up to 55 mph. The M916A2 Truck Tractor LET is found primarily in engineering units and used primarily to tow the 40-ton M870/M870A1 lowbed semi-trailer having a Gross Combination Vehicle Weight (GCVW) rating of 130,000-pounds. The M916A2 transports engineer construction equipment in the local, line haul, and maintenance evacuation missions over a 50% primary, 45% secondary, and 5% off-road mission profile. These systems support the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

### Justification:

The M916A2 Truck Tractor will replace overage M916 Truck Tractors, which are 18-20 years old and experiencing below the goal fully mission capable rates.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/F Other Procured TACTICAL A	Budget Activ ment, Army / ND SUPPOR	rity/Serial No. I / T VEHICLES		P-1 Line I TRUCK, TI	tem Nomenclature RAC, LT EQ TRANS	e: S, 6 X 6, M916A1 (D	019601)	Weapon System	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
<ol> <li>Hardware - M916A2</li> <li>FET</li> <li>Program Management Support</li> <li>Engineering Change Proposals</li> <li>System Fielding Support</li> </ol>								2887 390 200 200 566	19				
Total								4243					

Exhibit P-5a, Budget Procurement His	tory and Planning							Date: Ju	ine 2001	
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND SUPPORT VEHICLE:	3	Weapon System	т Туре:			em Nomenc	lature: S, 6 X 6, M916A1 (D)	19601)		
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. Hardware - M916A2 FY 2002	Freightliner Corporation Portland, OR	C/FFP	TACOM, Warren, MI	May 02	Aug 03	19	152	YES	N/A	
REMARKS:										

	FY 02 / 03 BUDGET PR	ROD	UCTION	SCH	IEDUL	E			Item N JCK, T				RANS	5, 6 X	6, M <sup>9</sup>	916A	1 (D1	9601	)				]	Date:			June	e 2001	l			
Г													scal Y											F	`iscal	Year	03					
				S	PROC	ACCEP	BAL								Cale	endar	Yea	r 02								Calen	dar Y	Year (	)3			L A
	COST ELEMENTS	M F R	FY	S E R V	QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
1.	Hardware - M916A2								Н	$\dashv$		$\dashv$	$\dashv$	$\dashv$	$\dashv$										$\vdash$							
		1	FY 02	A	19	0	19								Α															19		0
То	otal				19		19																							19		
								O C T	N O V	D E C	J A N	F E B	Α	A P R	Α	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M			PR	ODUCTI	ON RATES			M	FR						ADM	IINLE	AD T	IME			MFR			ТОТА	L		EMAR					
F							REACHED	Nur	nber					Pri	or 1 O	ct	Ai	fter 1 C	Oct	Af	fter 1 (	Oct	A	fter 1	Oct							n above
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+		, [	INIT		_			7	_		7			14			21				e of fo am of				n the 5 FOV
1	Freightliner Corporation, Portland, OR		20.00		33.00	80.00	3	_	1		RDER				5			2			5			7		is p	rodu	ced to	gethe	r with	the	
$\vdash$										INIT		_	_															cial p			hich	runs at
$\vdash$											RDER															a I	01	o pe	ı uay	•		
$\vdash$										INIT		_	-			_										4						
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										KEU.	KDEK																					

Exhi	ibit P-40	, Budge	et Item J	ustifica	tion Sho	eet		Date:	J	June 2001		
Appropriation/Budget Activ Other Procurement, Army /1/TA		JPPORT VEHICL	ES			P-1 Item Norr		TICE, 5TH WHER	EL (D15901)			
Program Elements for Code	B Items:			Code: B	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	4 FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty					34							
Gross Cost					2.0							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)					2.0							
Initial Spares												
Total Proc Cost					2.0							
Flyaway U/C												
Wpn Sys Proc U/C					0.1							

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

This item can be used with a truck tractor to recover, lift-tow or flat-tow another disabled truck. It serves the same recovery function as a wrecker without having a truck dedicated for that purpose. When the Fifth Wheel Towing Device (FWTD) is not in use, it can be dismounted and the tractor perform its normal trailer-towing mission. These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

## Justification:

The funding is required in FY02 and FY03 for the FWTD to perform forward recovery missions in some units. The FWTD provides a unit the ability to recover vehicles without the use of a wrecker, especially in Line Haul missions. The FWTD allows the Army to reduce wrecker requirements. The Army Acquisition Objective (AAO) is 257.

Program has been restructured and was previously funded in Items Less than \$5.0 million budget line.

Exh	ibit P-40	, Budge	t Item J	ustifica	tion She	eet	Γ	Oate:	J	Tune 2001		
Appropriation/Budget Act Other Procurement, Army /1/T		JPPORT VEHICLI	ES			P-1 Item Norr TRU		TOR, YARD TY	YPE, M878 (C/	/S) (D16000)		
Program Elements for Cod	le B Items:			Code:	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	220	35	15		35							
Gross Cost	11.3	3.3	2.0		4.0							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	11.3	3.3	2.0		4.0							
Initial Spares												
Total Proc Cost	11.3	3.3	2.0		4.0							
Flyaway U/C												
Wpn Sys Proc U/C		94.3	130.1		114.4							

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The Truck Tractor, Yard Type, (C/S) M878 is primarily used to provide a capability to shuttle semi-trailers loaded with containers of break bulk cargo within fixed ports, on prepared beaches during Logistics-Over-The-Shore (LOTS) operations, and in trailer transfer areas. The vehicle is a highly maneuverable commercial tractor with an automatic locking, hydraulic-lock fifth wheel, which facilitates semi-trailer coupling and disengagement and allows movement of the semi-trailers/chassis without retracting the landing legs. It is capable of moving vehicles weighing up to 88,000 pounds. These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

### **Justification:**

In FY02 the Truck Tractor, Yard Type, (C/S) M878 is required to fill existing shortages, provide vehicles for newly created Cargo Transfer Companies, and replace overage M878 and M878A1 vehicles. The Yard Tractor will be used anywhere in the world (i.e., ports, beaches, forward supply areas, and in the division area of responsibility, railhead operations, cargo handling areas, and in/near air terminal fields. These trucks are required to transport containerized cargo from port facilities to transfer points for line haul operations. If these trucks are not procured, the ability of the Army to strategically deploy from ships in preparation for forward movement will not be possible. Of the 220 Yard Tractors procured before 1999, 134 remain in the inventory. The Army's Acquisition Objective is 333.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL Al	nent Army / 1	/			tem Nomenclatur RACTOR, YARD T	e: YPE, M878 (C/S) (D1	16000)	Weapon System	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Vehicle (Hardware) Logistics Technical Manuals Testing Engineering - In House Program Management Support		1080 240 200 180 52 200	15	72				3325 200 203 75 200		95			
Total		1952						4003					

Exhibit P-5a, Budget Proce	urement History and Planning							Date: J	une 2001	
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND	SUPPORT VEHICLES	Weapon Systo	em Type:			em Nomeno CTOR, YARD T	clature: TYPE, M878 (C/S) (D	16000)		
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Issu Date
Vehicle (Hardware)										
FY 2000	Crane Carrier Corporation Tulsa, OK	MIPR	GSA	Sep 00	Aug 01	15	72	Yes	N/A	N/A
FY 2002	To Be Selected	F/FP	TBD	June 02	Nov 02	35	95	No	N/A	N/A

unit price in FY00.

Due to the introduction of an all-wheel drive Yard Tractor the unit prices in FY02 and FY03 are significantly higher than the

	FY 00 / 01 BUDGET PR	OD	UCTION	SCH	IEDUL	E			Item N JCK, T				D TY	PE, N	M878 (	(C/S)	(D16	6000)						Date:			Jun	e 200	1			
												Fis	scal Y	'ear (	00									F	iscal	Year	01					
				S	PROC	ACCEP	BAL								Cale	ndar	Year	r 00							_	Caler	ıdar `	Year (	)1			L A
	COST ELEMENTS	M F R	FY	S E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Т
Ve	chicle (Hardware)												_			$\dashv$									+		$\vdash$			$\vdash$	$\vdash$	
		1	FY 00	A	15	0	15												A											8	3	7 0
		2	FY 02	A	35	0	35																									35
													_																			
													_																			
Тс	otal				50		50																							8	3	7 35
								O C T	N O V	D E C	J A N	F E B	Α	A P R	Α	J U N	J U L	A U G	S E P	O C T	N O V	Е	J A N	F E B	M A R	P	Α		J U L	A U G	Е	
M			PR	ODUCTI	ON RATES			М	FR						ADM	IINLE	AD T	IME			MFR			TOTA	ΛL	R	EMAI	RKS				
F							REACHED	Nur	nber					Pri	or 1 Oc	ct	Af	ter 1 O	ct	Ai	fter 1 (	Oct	Α	After 1	Oct	1						
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+		1	INIT					18			2			4			6		1						
1	Crane Carrier Corporation, Tulsa, OK		2.00		2.00	4.00	0		1	REO	RDER		_		0			7			10			17		1						
2	To Be Selected		2.00		2.00	4.00	0		2	INIT			_		18			2			4			6		4						
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	FY 02 / 03 BUDGET PR	OD	UCTION	SCH	IEDUL!	E			Item N JCK, T				RD TY	PE, I	M878 (	(C/S)	(D16	6000)						Date:	:		Jur	ie 200	1			
												Fi	scal Y	ear (	02									1	Fiscal	Yea	r 03					
				S	PROC	ACCEP	BAL								Cale	ndar	Year	r 02							_	Cale	ndar	Year	03			L A
	COST ELEMENTS	M F R	FY	S E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Т
Ve	chicle (Hardware)								Н							$\dashv$									+	╁		+	┢	+		
		1	FY 00	A	15	15	0		П		П																		Т			0
		2	FY 02	A	35	0	35		П							Α					8	8	8	3 :	8	3			Г			0
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Тс	otal				50	15	35														8	8	8	3 ;	8 :	3			L			
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	Α	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	P	Α	U	J U L	A U G	Е	
M			PR	ODUCTI	ON RATES			M	FR						ADM	IINLE	AD T	IME			MFR			TOTA	ΛL	I	REMA	RKS				
F							REACHED	Nur	nber					Pri	ior 1 Oc	et	Af	ter 1 O	ct	Ai	fter 1 (	Oct	Α	After 1	Oct							
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+			INIT	TAL				18			2			4			6								
1	Crane Carrier Corporation, Tulsa, OK		2.00		2.00	4.00	0		1	REO	RDER				0			7			10			17								
2	To Be Selected		2.00		2.00	4.00	0		2	INIT					18			2			4			6								
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Exhi	ibit P-40	, Budge	t Item J	ustifica	tion Sh	eet	]	Date:	J	June 2001		
Appropriation/Budget Activ Other Procurement, Army /1/TA		JPPORT VEHICL	ES			P-1 Item Nom HV		ED MOBILE TA	ACTICAL TRU	JCK EXT SEF	RV PROG (DV	0021)
Program Elements for Code	B Items:			Code: A	Other Relat	ed Program Ele	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty			126	166	201							
Gross Cost			17.6	26.3	31.3							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)			17.6	26.3	31.3							
Initial Spares												
Total Proc Cost			17.6	26.3	31.3							
Flyaway U/C												
Wpn Sys Proc U/C			0.0	0.0	0.0							

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The Heavy Expanded Mobility Tactical Truck Extended Service Program (HEMTT ESP) remanufactures and upgrades existing HEMTT vehicles with insertion of new technologies that reduce O&S costs for the HEMTT fleet, reduce emissions, improve safety and performance, and provide greater warfighting capability. This program produces a "like-new" vehicle with a full new vehicle warranty and is the Army's only source for production of the HEMTT Load Handling System (LHS) configuration. HEMTT LHS reduces the logistics footprint and is critical to the Army's evolving transportation-based, just-in-time supply system. HEMTT LHS is a "must have" Combat Service Support (CSS) enabler in both the Transformation Brigades (BCT) and the Digitized Divisions, providing C130 transportability and modular delivery of fuel, ammunition and other classes of supply in forward areas. This system supports the Legacy/Interim transition path of the Transformation Campaign Plan (TCP).

#### Justification:

FY02 buys a total of 479 HEMTT ESP vehicles in the LHS, Wrecker, and Tanker configurations. In FY02, 201 HEMTT LHS will be produced to begin fielding of the second digitized division (1CD), fill Training Base requirements, and complete the 3rd Brigade Combat Team (BCT) activation/conversion.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL A	tudget Activ nent, Army / 1 ND SUPPORT	ity/Serial No. / r vehicles			tem Nomenclature NDED MOBILE TA 0021)		EXT SERV	Weapon System 1	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Hardware HEMTT ESP M1022 LHS HEMTT ESP M978 Tanker HEMTT ESP M984A1 Wrecker	A A A	16998	126	135	20970	166	126	27223	201	135			
Subtotal		16998			20970			27223					
2. Engineering Changes 3. Government Testing - ATC 4. Documentation 5. Engineering Support - Government 6. Quality Assurance Supt - Government 7. Special Tools 8. System Fielding Support 9. PM Support		117 282 14 157 33			870 1287 1741 171 130 71 726 356			545 950 1382 174 132 86 551 261					
Total		17601			26322			31304					

Exhibit P-5a, Budget Procuppropriation/Budget Activity/Serial No: ther Procurement, Army / 1 / TACTICAL AND S		Weapon System	т Туре:		P-1 Line It		elature: ACTICAL TRUCK E		une 2001	:1)
BS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Iss Date
1. Hardware										
FY 2000	Oshkosh Truck Corp. (OTC) Oshkosh, WI	Option	TACOM	Mar 00	Jun 00	84	135	Yes	N/A	N/A
FY 2000	Oshkosh Truck Corp. (OTC) Oshkosh, WI	Option	TACOM	Aug 00	Dec 00	42	135	Yes	N/A	N/A
FY 2001	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY1	TACOM	Mar 01	Aug 01	166	126	Yes	N/A	N/A
FY 2002	Oshkosh Truck Corp. (OTC) Oshkosh, WI	SS/REQ/PY2	TACOM	Jan 02	Aug 02	201	135	Yes	N/A	N/A
EMARKS:	'									

	FY 00 / 01 BUDGET PR	ROD	UCTION	SCH	IEDULI	E			Item N / EXP				LE TA	ACTIO	CAL T	ΓRUC	CK EX	XT SE	ERV I	PROC	G (DV	(0021)		Date:			June	2001				
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	COST ELEMENTS	M F R	FY	S E R V	QTY Each	ACCEP PRIOR TO 1 OCT	BAL DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
HE	EMTT ESP Vehicles																															
		1	FY 00	A	84	0	84						А			20	20	22	22													0
		1	FY 00	A	42	0	42									20	20	A		Г		9	11	11	11							0
		1	FY 01	A	166	0																			A					7	9	150
		1	FY 02	A	201	0	201																									201
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То	tal				493		493		Н		Н					20	20	22	22			9	11	11	11					7	9	351
10	tui				773		7/3															,								,		331
								O C T	N O V	D E	J A N	F E	M A R	A P	M A Y	J U	J U	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A	A P R	M A Y	J U N	J U	A U G	S E P	
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1	Oshkosh Truck Corp. (OTC), Oshkosh, WI		1.00		25.00	45.00	12	1	1		RDER	$\dashv$	$\vdash$		0			3			7			10								ractor's
1	OSHKOSH TTUCK COLP. (OTC), OSHKOSH, WI		1.00		23.00	43.00	12			INIT					U			J			,			10		inte	egrate	u pro	uuctio	n line		
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	FY 02 / 03 BUDGET PR	ROD	UCTION	SCH	I <b>EDUL</b> I	E			tem N EXP.				LE TA	CTIC	CAL T	ΓRUC	СК ЕХ	XT SE	ERV I	PROG	i (DV	(0021)		Date:			Jun	e 200	1			
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				S	PROC	ACCEP	BAL			_			_		Cale	endar	Yea	r 02								Caler	ıdar `	Year (	)3			L A
	COST ELEMENTS	M F R	FY	S E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
HE	EMTT ESP Vehicles									$\dashv$		$\dashv$	$\dashv$			$\dashv$																
		1	FY 00	A	84	84	0																									0
		1	FY 00	A	42	42	0																									0
		1	FY 01	A	166	16	150	15	15	15	15	15	15	15	15	15	15															0
		1	FY 02	A	201	0	201				Α							15	16	17	17	17	17	7 11	7 1	7 17	7 1	7 17	1	7		0
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Exhi	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	]	Date:	J	June 2001		
Appropriation/Budget Activ Other Procurement, Army /1/TA		JPPORT VEHICLI	ES			P-1 Item Non LIN		SP (DV0011)				
Program Elements for Code	e B Items:			Code: A	Other Relate	ed Program El	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty		55	135	343	240							
Gross Cost		4.9	10.1	26.8	18.5							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)		4.9	10.1	26.8	18.5							
Initial Spares												
Total Proc Cost		4.9	10.1	26.8	18.5							
Flyaway U/C												
Wpn Sys Proc U/C		89.9	87.7	74.1	77.1							

## **Description:**

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

The Line Haul Truck Tractor (M915A4) is an upgrade vehicle primarily found in Medium Transportation Companies used as a prime mover to transport break bulk, containers and petroleum over primary and secondary roads. It is a 6x4 tractor with a 2 ½-inch kingpin and 105,000 Gross Combination Vehicle Weight capacity. The M915A4 Truck Tractor is transportable by highway, rail, marine and air modes worldwide. This tractor combines new state-of-the-art components such as the cab, transmission, electrical and air systems with the existing Line Haul truck tractor engine and rear axle to create the M915A4 tractor at a cost effective price. This program is one of the U. S. Army's Top Recapitalization Programs. These systems support the Legacy transition path of the Transformation Campaign Plan (TCP).

### Justification:

The FY02 and FY03 programs are required to upgrade the M915A4 Line Haul truck tractor which will significantly improve readiness by using selected components from aging 17-19 year old line haul fleet, combined with the upgrade "glider" kit, to produce upgraded vehicles at a cost effective unit price. These upgraded tractors will replace the current M915 Line Haul tractors with the newly upgraded M915A4 tractor on a one for one basis. The M915 Line Haul truck tractor is currently experiencing below the goal mission capable rates and is difficult and expensive to support due to its age. The upgraded M915A4 Line Haul truck tractor will significantly improve readiness due to its new cab, transmission, electrical systems, as well as enhancements such as Anti-Lock Brake System (ABS) and air conditioning. Cost of this upgrade is approximately 50% of the cost of acquiring a new truck.

DV0011 LINE HAUL ESP Item No. 15 Page 1 of 6

Exhibit P-40 Budget Item Justification Sheet

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL A	nent Army / 1	1/			tem Nomenclature L ESP (DV0011)	e:		Weapon System	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
Cost Elements	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Hardware - M915A4 Application of Kits Engineering Change Proposals Documentation Testing - Follow On Test Engineering - In House Program Management Support System Fielding Support Component Assy/Disassembly at Depots		9027 320 171 100 150 318	135	67	23916 808 53 100 100 150 200 250 1230		70		240	71			
Total		10086			26807			18515					

Exhibit P-5a, Budget Procu	rement History and Planning							Date: J	une 2001	
Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND	SUPPORT VEHICLES	Weapon System	n Type:		P-1 Line Ite		lature:			
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Iss Date
Hardware - M915A4										
FY 2000	Freightliner Portland, OR	CFP RQ5(2)	TACOM, Warren, MI	Dec 99	Aug 00	100	67	YES	N/A	
FY 2000	Freightliner Portland, OR	CFPRQ5(2A)	TACOM, Warren, MI	Mar 00	Oct 00	15	67	YES	N/A	
FY 2000	Freightliner Portland, OR	CFPRQ5(2B)	TACOM, Warren, MI	Dec 00	Oct 01	20	67	YES	N/A	
FY 2001	Freightliner Portland, OR	CFP RQ5(3)	TACOM, Warren, MI	Dec 00	Mar 01	286	70	YES	N/A	
FY 2001	Freightliner Portland, OR	CFPRQ5(3A)	TACOM, Warren, MI	Mar 01	Oct 01	57	70	YES	N/A	
FY 2002	Freightliner Portland, OR	CFP RQ5(4)	TACOM, Warren, MI	Dec 01	Jun 02	240	71	YES	N/A	

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Program Elements for Cod	le B Items:			Code: A	Other Relate	ed Program El	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty												
Gross Cost	123.3	10.9	31.5	42.0	49.2							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	123.3	10.9	31.5	42.0	49.2							
Initial Spares												
Total Proc Cost	123.3	10.9	31.5	42.0	49.2							
Flyaway U/C												
Wpn Sys Proc U/C												

## **Description:**

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

FY02/03 funds hardware and application of High Mobility Multipurpose Wheeled Vehicle (HMMWV) 3-Point Seatbelt Modification, M939 Anti-Lock Brake System, M939 Tire Improvement System, HMMWV Rear Differential Oil Cooler, and Heavy Expanded Mobility Tactical Truck (HEMTT) Wheel Modification. These systems support the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

## Justification:

FY02/03 funding supports the M939 Tire Improvement, M939 Anti-Lock Brake System, HMMWV 3-Point Seatbelt modification, and HMMWV Rear Differential Oil Cooler. These four safety related modifications increase survivability of soldiers in the field and improve vehicle readiness. In FY95, the M939 Truck was responsible for 26% of the total Army Military Vehicle (AMV) accidents and 53% of the total AMV fatalities. In FY90-95 timeframe, there were 194 serious accidents resulting in injury costs of \$8.1 million, property damage of \$2.9 million, 163 serious injuries and 46 fatalities.

FY02 also begins funding of the HEMTT Wheel Modification program. Over the past few years, 59 soldier-injury split rim unique accidents have occurred for the 220 TACOM managed systems that use split rim design wheels. Of those accidents, 30 were specifically attributed to the HEMTT fleet, which also accounted for two fatalities, which occurred during 1999-2000. The accident rate is increasing, despite Army-wide command focus on proper procedures. The PM HTV has implemented an expedited change to the production vehicle configuration to include a safer, bolt-together wheel design and tubeless tire and the HEMTT Wheel Modification program extends this safer configuration via retrofit the fielded HEMTT fleet.

Exhibit P-40M, Bud	dget Item Justificatio	n Sheet				Date	o.	Jı	une 2001		
Appropriation/Budget Activity/Set Other Procurement, Army /1/TA	ial No: ACTICAL AND SUPPORT VEHICLI	ES			P-1 Item Nomeno	elature	MODIFICAT	ION OF IN SVC E	EQUIP (DA0924)		
Program Elements for Code B Iten	ns:		Code: A	Other Related	Program Elements:						
Description		Fiscal Years									
OSIP NO.	Classification	2000 & PR	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	TC	Total
HMMWV 3PT Seatbelt											
1-92-06-4401	Safety	23.4	1.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	30.4
M939 Tire Improvement											
1-97-06-4532	Safety	13.0	9.6	8.1	0.0	0.0	0.0	0.0	0.0	0.0	30.7
M939 Anti-Lock Brake Systen	1										
1-97-06-4533	Safety	24.9	17.9	20.6	0.0	0.0	0.0	0.0	0.0	0.0	63.4
M939 Stainless Steel Cab											
1-98-06-4541	Reliability	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HMMWV Rear Differential Oi	l Cooler										
1-98-06-4551	Safety	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	3.3
HMMWV B-Pillar Pad											
1-00-06-0004	Safety	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Armored HMMWV B-Pillar Pa	ad										
1-00-06-0005	Safety	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HMMWV Geared Hub Locknu	ıt Washer										
1-00-06-0006	Safety	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEMTT Wheel Modification											
1-00-06-0003	Urgent	0.0	0.0	11.2	0.0	0.0	0.0	0.0	0.0	0.0	11.2
HETS Air Conditioning											
1-00-06-0007	Special Purpose Mod	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0

Exhibit P-40M, I	Budget Item Justifica	ation Sheet				Date	o.	Jı	une 2001		
Appropriation/Budget Activity Other Procurement, Army	y/Serial No: /1/TACTICAL AND SUPPORT VEI	HICLES			P-1 Item Nomeno	lature	MODIFICAT	ON OF IN SVC E	EQUIP (DA0924)		
Program Elements for Code B	Items:		Code: A	Other Related	Program Elements:						
Description		Fiscal Years									
OSIP NO.	Classification	2000 & PR	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	TC	Total
A8020 Fuel Injection Test	Stand Upgrade										
0-00-00-0000		1.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
Aluminum Mesh Liner											
0-00-00-0000		0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5
Totals		63.3	42.0	49.2	0.0	0.0	0.0	0.0	0.0	0.0	154.5

INDIVIDUAL MODIFICATION	Date:	June 2001
INDIVIDUAL MODIFICATION	Date.	Julie 2001

MODIFICATION TITLE: HMMWV 3PT Seatbelt [MOD 1] 1-92-06-4401

MODELS OF SYSTEM AFFECTED: All HMMWV Models

### DESCRIPTION/JUSTIFICATION:

Provides three point seatbelts for the front and rear seats on all basic armor and non-armor HMMWV models. The three-point seatbelt is a safer and more effective restraint system than the two-point seatbelt. Total requirement is for 76,925 front, rear seatbelt and Armor kits plus 1,318 template kits.

### DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

3Pt seatbelts were added to the HMMWV vehicles in response to increased safety regulations. The 3Pt belt system was cut into production for all vehicle models beginning with vehicle number 100,000. Retrofit kits for pre 100,000 serial number vehicles were developed and modeled after the production version. This material change will be applied using one of the three hardware kits and template kits developed to cover the different vehicle configurations.

Installation Schedule:																					
	Pr Yr		FY 2	2001			FY 2	2002			FY 2	2003			FY	2004			FY 2	2005	
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	2	3 4	4 1	2	3	4
Inputs	39447	600	800	1000	1500	2500	2600	2600	2678												
Outputs	39447	600	800	1000	1500	2500	2600	2600	2678												
		FY 2	:006			FY 2	007			FY:	2008			FY	2009			То			Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	3	4	Complete			
Inputs																					
Outputs																					
METHOD OF IMPLEME	NTATION	[:				ADMINIS	STRATIV	E LEAD	TIME:		4 Months			PRODU	CTION L	EADTIN	ΛE:	7 Months			
Contract Dates:		]	FY 2002	Ja	n 02		]	FY 2003	Jan	03				FY 2004							
Delivery Date:		]	FY 2002	A	ug 02			FY 2003	Aug	g 03				FY 2004							

DA0924 MODIFICATION OF IN SVC EQUIP Item No. 16 Page 4 of 27

153

Date:

June 2001

MODIFICATION TITLE (Cont): HMMWV 3PT Seatbelt [MOD 1] 1-92-06-4401

	FY 2	2000																		
	and	Prior	FY 2	2001	FY 2	2002	FY 2	2003	FY 2	2004	FY 2	2005	FY 2	2006	FY 2	2007	Т	С	TOT	Γ <b>A</b> L
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits	54945	9.8			8837	2.0														11.8
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2000 & Prior Equip Kits	45311	13.6	2064	1.0	7570	3.9														18.5
FY 2001 Kits																				
FY 2002 Equip Kits					190	0.1														0.1
FY 2003 Equip Kits																				
FY 2004 Equip Kits																				
FY 2005 Equip Kits																				
FY 2006 Equip Kits																				
FY 2007 Equip Kits																				
TC Equip- Kits																				
Total Installment	45311	13.6	2064	1.0	7760	4.0		0.0		0.0		0.0		0.0		0.0		0.0		18.6
Total Procurement Cost		23.4		1.0		6.0		0.0		0.0		0.0		0.0		0.0		0.0		30.4

Date:

June 2001

MODIFICATION TITLE: M939 Tire Improvement [MOD 2] 1-97-06-4532

MODELS OF SYSTEM AFFECTED: M939 Family of Vehicles

#### DESCRIPTION/JUSTIFICATION:

Approximately 50% of the M939 Basic accidents are related to the operation of Non-Directional Cross County (NDCC) tires on wet roads. This design was engineered for cross-country applications prior to World War II (WWII). This design has proven too aggressive for operating trucks with little or no load. For the past two years, the M939 Series Truck have been operating under a Safety of Use Message (SOUM) limiting the highway speed to 40 MPH in an attempt to limit accidents, injuries and fatalities occurring under this highway operational scenario. Changes in vehicle speeds, road construction, mission requirements, as well as advances in tire technology have made this tire obsolete. This modification will change the tires from the current bias ply NDCC to a radial tire designed for on/off highway usage. Recent improvements in design will provide better traction and mobility, which will enhance system safety. Operating and support will also be significantly reduced.

#### DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Hardware Procurement - 17 May 99 Hardware Application - Jan 00 - Dec 06

Inputs Outputs

Inputs Outputs

Pr Yr		FY 20	001			FY 2	002			FY 2	2003			FY:	2004			FY	2005	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
2578	860	774	774	773	773	602	602	601												
2578	860	774	774	773	773	602	602	601												

Totals	То		2009	FY 2			2008	FY:			2007	FY 2			2006	FY 2	
;	Complete	4	3	2	1	4	3	2	1	4	3	2	1	4	3	2	1

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 5 Months PRODUCTION LEADTIME: 1 Months Contract Dates: FY 2002 Feb 02 FY 2003 Feb 03 FY 2004 Feb 04

Delivery Date: FY 2002 Mar 02 FY 2003 Mar 03 FY 2004 Mar 04

Date:

June 2001

MODIFICATION TITLE (Cont): M939 Tire Improvement [MOD 2] 1-97-06-4532

	FY 2	2000																		
	and l	Prior	FY 2	2001	FY 2	2002	FY 2	2003	FY 2	2004	FY 2	2005	FY 2	2006	FY 2	2007	T	'C	ТОТ	ΊΑL
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits	3602	9.9	2940	8.2	2362	6.7														24.8
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other (Testing, PM/Eng Spt)		1.8		0.3		0.3														2.4
Interim Contractor Support																				
Installation of Hardware																				
FY 2000 & Prior Equip Kits	3602	1.3																		1.3
FY 2001 Kits			2940	1.1																1.1
FY 2002 Equip Kits					2362	1.1														1.1
FY 2003 Equip Kits																				
FY 2004 Equip Kits																				
FY 2005 Equip Kits																				
FY 2006 Equip Kits																				
FY 2007 Equip Kits																				
TC Equip- Kits																				
Total Installment	3602	1.3	2940	1.1	2362	1.1		0.0		0.0		0.0		0.0		0.0		0.0		3.5
Total Procurement Cost		13.0		9.6		8.1		0.0		0.0		0.0		0.0		0.0		0.0		30.7

Date:

June 2001

MODIFICATION TITLE: M939 Anti-Lock Brake System [MOD 3] 1-97-06-4533

MODELS OF SYSTEM AFFECTED: M939 Family of Vehicles

#### DESCRIPTION/JUSTIFICATION:

The current design brake system is of commercial design with the capacity to stop heavy loads under adverse conditions. This design has proven too aggressive for operating trucks with little or no load. For the past two years, the M939 Series Trucks have been operating under a Safety of Use Message (SOUM) limiting the highway speed to 40-miles per hour (MPH) in an attempt to limit accidents, injuries and fatalities occurring under this highway operational scenario. In FY95 this truck was responsible for 26% of the total Army Military Vehicle (AMV) accidents and 53% of the total AMV fatalities. In the FY90-95 timeframe there were 194 serious accidents resulting in injury costs of \$8.1 million, property damage of \$2.9 million, 163 serious injuries and 46 fatalities. Extensive testing of Anti-lock Braking System (ABS) systems for this truck has shown that ABS will eliminate 100% of the engine stalls regardless of the skill level of the drivers. This will allow the lifting of the 40 MPH speed limit allowing the vehicles to once more be fully capable of being safely operated up to their Required Operational Capability standards.

#### DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Products Specification Available - Oct 98 Developmental Test & Evaluation - 1 Oct 96 - 30 Sep 97 Hardware Procurement - 17 May 99 Hardware Application - Jan 00 - Dec 06

Instal	lation	Sched	lul	e:
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Inputs Outputs

Inputs Outputs

Pr Yr		FY 2	001			FY 2	002			FY 2	2003			FY:	2004			FY 2	2005	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
3600	1564	1800	1800	1800	1800	1800	1800	1800												
3600	1564	1800	1800	1800	1800	1800	1800	1800												

Totals	То		2009	FY 2			2008	FY 2			2007	FY 2			2006	FY 2	
	Complete	4	3	2	1	4	3	2	1	4	3	2	1	4	3	2	1

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 5 Months PRODUCTION LEADTIME: 1 Months

 Contract Dates:
 FY 2002
 Feb 02
 FY 2003
 Feb 03
 FY 2004
 Feb 04

 Delivery Date:
 FY 2002
 Mar 02
 FY 2003
 Mar 03
 FY 2004
 Mar 04

Date:

June 2001

MODIFICATION TITLE (Cont): M939 Anti-Lock Brake System [MOD 3] 1-97-06-4533

and Prior   FY     Qty   \$   Qty     RDT&E     Procurement	\$	FY 2 Qty	2002	FY 2	2002												
RDT&E	\$	Otv		114	2003	FY 2	2004	FY 2	2005	FY 2	2006	FY 2	2007	T	C	TOT	ΊΑL
		Qıy	\$	Qty	\$	Qty	\$	Qty	\$								
Programment																	
Kit Quantity 10883 20.0 7926	14.9	9044	17.1														52.0
Installation Kits																	
Installation Kits, Nonrecurring																	
Equipment																	
Equipment, Nonrecurring																	
Engineering Change Orders																	
Data																	
Training Equipment																	
Support Equipment																	
Other (Testing, PM/Eng Supt) 1.7	0.4		0.4														2.5
Interim Contractor Support																	
Installation of Hardware																	
FY 2000 & Prior Equip Kits 10883 3.2																	3.2
FY 2001 Kits 7926	2.6																2.6
FY 2002 Equip Kits		9044	3.1														3.1
FY 2003 Equip Kits																	
FY 2004 Equip Kits																	
FY 2005 Equip Kits																	
FY 2006 Equip Kits																	
FY 2007 Equip Kits																	
TC Equip- Kits																	
	1																
Total Installment 10883 3.2 7926	2.6	9044	3.1		0.0		0.0		0.0		0.0		0.0		0.0		8.9
Total Procurement Cost 24.9	17.9		20.6		0.0		0.0		0.0		0.0		0.0		0.0		63.4

Date:

June 2001

MODIFICATION TITLE: M939 Stainless Steel Cab [MOD 4] 1-98-06-4541

MODELS OF SYSTEM AFFECTED: M939 Family of Vehicles

### DESCRIPTION/JUSTIFICATION:

The Program Management Office has designed a new Stainless Steel Cab to incorporate change necessary to eliminate current field problems and prepare for future mission requirements. The current steel cab costs \$6,000.00 and lasts approximately five (5) years in high corrosive environment. The Stainless Steel Cab costs \$8,000 and is projected to last 25 years thereby reducing O&S costs. The Stainless Steel Cab is designed to support a weapons station that was added on to the old cab. The old cab would break at approximately 5,000 miles, because it was not designed to support the additional weight. The new Stainless Steel cab is designed from the ground up to provide structural support for the Weapons Station and the Crew Protection Kit (CPK). Additionally, the Stainless Steel Cab is designed with integral rollover protection and three-point seat belts to improve safety during low speed (<30 mph) rollovers.

### DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Developmental Test and Evaluation - Jun 97- May 99 Technical Data Package Available - 3Q00 Initial Production Test (IPT) - 1Q01

Installation Schedule:																					
	Pr Yr		FY	2001			FY :	2002			FY 2	2003			FY 2	2004			FY 2	005	
	Totals	1	2	. 3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Inputs																					
Outputs																					
		FY 2006					2007			FY 2	2008			FY 2	:009			То			Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	(	Complete			
Inputs																					
Outputs																					
METHOD OF IMPLEME	NTATION	<b>1</b> :				ADMINI	STRATIV	VE LEAD	TIME:		5 Months			PRODUC	TION LI	EADTIM	E:	3 Months			
Contract Dates:			FY 2002					FY 2003						FY 2004							
Delivery Date:			FY 2002					FY 2003						FY 2004							

Date:

June 2001

MODIFICATION TITLE (Cont): M939 Stainless Steel Cab [MOD 4] 1-98-06-4541

		2000																		
1		Prior	FY 2			2006		2007		·C	TOT									
1	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other (PM/Eng Supt)																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2000 & Prior Equip Kits																				
FY 2001 Kits																				
FY 2002 Equip Kits																				
FY 2003 Equip Kits																				
FY 2004 Equip Kits																				
FY 2005 Equip Kits																				
FY 2006 Equip Kits																				
FY 2007 Equip Kits																				
TC Equip- Kits																				
Total Installment		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
Total Procurement Cost		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0

Date:

June 2001

MODIFICATION TITLE: HMMWV Rear Differential Oil Cooler [MOD 5] 1-98-06-4551

MODELS OF SYSTEM AFFECTED: XM1113 Expanded Capacity Vehicle and XM1114 Up-Armored HMMWV

### DESCRIPTION/JUSTIFICATION:

The HMMWV Rear Differential Oil Cooler is an "oil to oil" cooler using some excess heat capacity in the power steering cooler to cool the rear differential in conditions of high temperatures and high loading which may lead to oil break down and differential overheating and failure. In order to reduce cost of frequent replacement, a periodic oil change is being added to field maintenance actions. This represents unacceptable burden on the user. The differential temperature issue is considered an operational deficiency so critical by the Army User community that they will not allow release of more than a limited number of the vehicles without a modification plan to install a differential cooler. Cost of the differential cooler will be partially offset by savings in logistics burden of oil changes including transport of Petroleum Oil and Lubricants (POL) in the forward area.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Level II Drawings Available - 4Q 98 Production Award - 1Q02 Hardware Application - 3Q02 - 1Q05 (for FY02 & FY03 Qty)

Instal	lation	Sched	lul	e:
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Inputs Outputs

Pr Yr		FY	2001				FY 2	2002			FY 2	2003			FY:	2004			FY	2005	
Totals	1	2		3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
								252	375												
								252	375												

		FY :	2006			FY	2007			FY	2008			FY 2	2009		То	Totals
	1	2	3	4	1	1 2	2	3 4	1 1	. 2	3	4	1	2	3	4	Complete	
Inputs																		
Outputs																		

METHOD OF IMPLEMENTATION:			ADMINISTRATIVE LEADTIM		5 Months	PRODUCTION LEADTIME:	4 Months
Contract Dates:	FY 2002	Feb 02	FY 2003	Feb 03		FY 2004	

Delivery Date: FY 2002 Jun 02 FY 2003 Jun 03 FY 2004

Date:

June 2001

MODIFICATION TITLE (Cont): HMMWV Rear Differential Oil Cooler [MOD 5] 1-98-06-4551

	FY 2	2000	1																	
		Prior	FY 2	2001	FY 2	2002	FY 2	2003	FY 2	2004	FY 2	2005	FY 2	2006	FY 2	2007	Т	С	ТОТ	'AL
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity					2273	2.5														2.5
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2000 & Prior Equip Kits																				
FY 2001 Kits																				
FY 2002 Equip Kits					2273	0.8														0.8
FY 2003 Equip Kits																				
FY 2004 Equip Kits																				
FY 2005 Equip Kits																				
FY 2006 Equip Kits																				
FY 2007 Equip Kits																				
TC Equip- Kits																				
Total Installment		0.0		0.0	2273	0.8		0.0		0.0		0.0		0.0		0.0		0.0		0.8
Total Procurement Cost		0.0		0.0		3.3		0.0		0.0		0.0		0.0		0.0		0.0		3.3
Total Procurement Cost		0.0		0.0		3.3		0.0		0.0		0.0		0.0		0.0		0.0		3.3

## INDIVIDUAL MODIFICATION Date: June 2001

MODIFICATION TITLE: HMMWV B-Pillar Pad [MOD 6] 1-00-06-0004

MODELS OF SYSTEM AFFECTED: M998, M1037, M1038, M1042, M1097, M1035

### DESCRIPTION/JUSTIFICATION:

The B-Pillar Pad will reduce the potential of head injuries to front seat occupants in a vehicle collision. This will be accomplished by attaching a padding assembly to the B-Pillar. Testing has shown that the potential exists of the occupant striking the B-Pillar when the seat belts tighten in an accident situation. The occupant would then strike the B-Pillar with sufficient force to cause injury or death. The B-Pillar Pad will cushion the blow. This Pad has been incorporated into production vehicles and is part of the 3-Point Seatbelt Kits. B-Pillar Pads will be added to vehicles produced after 3-Point Seatbelts were incorporated but before the incorporation of B-Pillar Pad. A total of 20,300 vehicles require this modification.

### DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Drawings - Completed Hardware Procurement - 2Q07 Hardware Application - 3Q07 - 2Q11

Installation Schedule:																				
	Pr Yr		FY	2001			FY :	2002			FY 2	2003			FY:	2004			FY 200	5
	Totals	1	2	. 3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3 4
Inputs																				
Outputs																				
		FY :	2006			FY 2	2007			FY 2	2008			FY	2009			To		Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	. 3	4	Con	nplete		
Inputs																				
Outputs																				
METHOD OF IMPLEME	NTATION	<b>N</b> :				ADMINI	STRATIV	VE LEAD	TIME:		4 Months			PRODU	CTION L	EADTIM	E: 4 N	Months		
Contract Dates:			FY 2002					FY 2003						FY 2004						
Delivery Date:			FY 2002					FY 2003						FY 2004						

Date:

June 2001

MODIFICATION TITLE (Cont): HMMWV B-Pillar Pad [MOD 6] 1-00-06-0004

	•	2000																		
		Prior	FY :			2002	FY 2			2004	FY 2			2006		2007		°C	TO	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2000 & Prior Equip Kits																				
FY 2001 Kits																				
FY 2002 Equip Kits																				
FY 2003 Equip Kits																				
FY 2004 Equip Kits																				
FY 2005 Equip Kits																				
FY 2006 Equip Kits																				
FY 2007 Equip Kits																				
TC Equip- Kits																				
Total Installment		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
Total Procurement Cost		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
1																				

Date:

June 2001

MODIFICATION TITLE: Armored HMMWV B-Pillar Pad [MOD 7] 1-00-06-0005

MODELS OF SYSTEM AFFECTED: M966, M1036, M1025, M1026, M1043, M1044, M1045, M1046

#### DESCRIPTION/JUSTIFICATION:

The B-Pillar Pad will reduce the potential of head injuries to front seat occupants in a vehicle collision. This will be accomplished by attaching a padding assembly to the B-Pillar. Testing has shown that the potential exists of the occupant striking the B-Pillar when the seat belts tighten in an accident situation. The occupant would then strike the B-Pillar with sufficient force to cause injury or death. The B-Pillar Pad will cushion the blow. This Pad has been incorporated into production vehicles and is part of the 3-Point Seatbelt Kits. B-Pillar Pads will be added to vehicles produced after 3-Point Seatbelts were incorporated but before the incorporation of B-Pillar Pad. The cost of kit and application for armored HMMWV vehicles is slightly higher than for non-armored vehicles. A total of 4,032 armored HMMWV vehicles require this modification.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Drawings - Completed Hardware Procurement - 2Q07 Hardware Application - 3Q07 - 3Q10

Inputs Outputs

Inputs Outputs

Pr Yr		FY	2001			FY	2002			FY:	2003			FY 2	2004			FY	2005	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

	FY 2	2006			FY 2	2007			FY 2	2008			FY 2	2009		То	Totals
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 4 Months PRODUCTION LEADTIME: 4 Months

 Contract Dates:
 FY 2002
 FY 2003
 FY 2004

 Delivery Date:
 FY 2002
 FY 2003
 FY 2004

Date:

June 2001

MODIFICATION TITLE (Cont): Armored HMMWV B-Pillar Pad [MOD 7] 1-00-06-0005

		2000																		
		Prior	FY 2			2006		2007		·C	TOT									
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2000 & Prior Equip Kits																				
FY 2001 Kits																				
FY 2002 Equip Kits																				
FY 2003 Equip Kits																				
FY 2004 Equip Kits																				
FY 2005 Equip Kits																				
FY 2006 Equip Kits																				
FY 2007 Equip Kits																				
TC Equip- Kits																				
1																				
Total Installment		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
Total Procurement Cost		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0

MODIFICATION TITLE: HMMWV Geared Hub Locknut Washer [MOD 8] 1-00-06-0006

MODELS OF SYSTEM AFFECTED: M998, M1038, M966, M1036, M1025, M1026, M1042, M1044, M1043, M1045, M1037, M1097, M997, M996, M1035

### DESCRIPTION/JUSTIFICATION:

This is a new design spindle lock nut to the Geared Hub of the HMMWV. TACOM continues to receive reports that the spindle locknut within the Geared Hub assembly loosens. This problem is attributed to the lockwasher Tab not being properly bent into the locknut and reuse of the lockwasher. When the locknut loosens the wheel and tire assembly can separate from the vehicle causing loss of vehicle control. HMMWV's with Serial Bumber 136,895 and above use a new 8-slot locknut design. The purpose of the MWO is to apply this new design spindle lock nut to the 100,000 previously built HMMWV's.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Drawings - Completed Hardware Procurement - 2Q07 Hardware Application - 3Q07 -3Q10

Instal	lation	Sched	lul	e:
--------	--------	-------	-----	----

Inputs Outputs

Inputs Outputs

Pr Yr		FY 2	2001			FY 2	2002			FY :	2003			FY:	2004			FY 2	2005	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

	FY	2006				FY	2007			FY	2008			FY	2009		То	Totals
1	2	2	3	4	1	2	3	3 4	. 1	2	3	4	1	1 2	3	4	Complete	
								_					_		_			

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 4 Months PRODUCTION LEADTIME: 3 Months Contract Dates: FY 2002 FY 2003 FY 2004

Delivery Date: FY 2002 FY 2003 FY 2004

June 2001

Date:

Date:

June 2001

MODIFICATION TITLE (Cont): HMMWV Geared Hub Locknut Washer [MOD 8] 1-00-06-0006

			,																	
	•	2000 Prior	FY:	2001	FY 2	2002	FY 2	2003	EV '	2004	EV ′	2005	EV '	2006	EV	2007	т	·C	TO	ГАТ
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E	CJ		Cij		Cij		Cij		CJ		CJ		CJ		CJ		CJ		Cy	
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2000 & Prior Equip Kits																				
FY 2001 Kits																				
FY 2002 Equip Kits																				
FY 2003 Equip Kits																				
FY 2004 Equip Kits																				
FY 2005 Equip Kits																				
FY 2006 Equip Kits																				
FY 2007 Equip Kits																				
TC Equip- Kits																				
Total Installment		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
Total Procurement Cost		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0

MODIFICATION TITLE: HEMTT Wheel Modification [MOD 9] 1-00-06-0003

MODELS OF SYSTEM AFFECTED: All HEMTTs fielded prior to CY2000

### DESCRIPTION/JUSTIFICATION:

Implements MWO No. 9-2320-279-20-9 to field retrofit a safer, bolt-together wheel design and tubeless tire and the HEMTT Wheel Modification program extends this safer configuration via retrofit the fielded HEMTT fleet. Over the past few years, 59 soldier-injury split rim unique accidents have occurred for the 220 TACOM managed systems that use split rim design wheels. Of those accidents, 30 were specifically attributed to the HEMTT fleet, which also accounted for the two fatalities, which occurred during 1999-2000. The accident rate is increasing, despite Army-wide command focus on proper procedures. The PM HTV has implemented an expedited change to the production vehicle configuration to include a safer, bolt-together wheel design and tubeless tire and the HEMTT Wheel Modification program extends this safer configuration via retrofit the fielded HEMTT fleet.

### DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Modification configuration is fully tested and has been applied to production line as well as overhaul/Extended Service Program (ESP) vehicles. Initial Contract Award for retrofit planned for Jan 02. Delivery of retrofit kits and start of kit installation planned for 4 months after award, or May 2002.

Installation Schedule:																					
	Pr Yr		FY	2001			FY 2	002			FY 2	2003			FY	2004			FY 2	2005	
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1		2	3	4 1	2	3	4
Inputs							2157	2157	2157												
Outputs							2157	2157	2157												
		FY 2	2006			FY 2	2007			FY 2	2008			FY	2009			То			Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2		3	4	Complete			
Inputs																					
Outputs																					
METHOD OF IMPLEME	ENTATION	I:				ADMINI	STRATIV	E LEAD	TIME:		3 Months			PRODU	CTION I	LEADTI	ME:	4 Months			
Contract Dates:			FY 2002	F	Y2002		]	FY 2003	Jan	02				FY 2004							
Delivery Date:			FY 2002	F	Y2002		]	FY 2003	May	02				FY 2004							

DA0924 MODIFICATION OF IN SVC EQUIP Item No. 16 Page 20 of 27 169 Exhibit P-3a Individual Modification

June 2001

Date:

Date:

June 2001

MODIFICATION TITLE (Cont): HEMTT Wheel Modification [MOD 9] 1-00-06-0003

l	FY 2	2000																		
	and l		FY 2	2001	FY 2	2002	FY 2	2003	FY 2	2004	FY 2	2005	FY 2	2006	FY 2	2007	T	С	ТОТ	ΓAL
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits					8627	8.8														8.8
Installation Kits, Nonrecurring						0.3														0.3
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other (PM Supt)						0.3														0.3
Installation of Hardware																				
FY 2000 & Prior Equip Kits																				
FY 2001 Kits																				
FY 2002 Equip Kits					8627	1.8														1.8
FY 2003 Equip Kits																				
FY 2004 Equip Kits																				
FY 2005 Equip Kits																				
FY 2006 Equip Kits																				
FY 2007 Equip Kits																				
TC Equip- Kits																				
Total Installment		0.0		0.0	8627	1.8		0.0		0.0		0.0		0.0		0.0		0.0		1.8
Total Procurement Cost		0.0		0.0		11.2		0.0		0.0		0.0		0.0		0.0		0.0		11.2

INDIVIDUAL MODIFICATION	Date:	June 2001

MODIFICATION TITLE: HETS Air Conditioning [MOD 10] 1-00-06-0007

MODELS OF SYSTEM AFFECTED: HETS Assets at National Training Center (NTC), Fort Irwin, CA

## DESCRIPTION/JUSTIFICATION:

Applies Air Conditioning to Heavy Equipment Transporter System (HETS) M1070 Tractors located at NTC in response to field demand for cab cooling for assets at the NTC. Funding was FY00 Congressional Add for \$1M.

## DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Award Contract: Jan 01

Approve A/C Configuration Change: Apr 01
Deliver Kits/Apply A/C modification: Sep - Oct 01

Installation Schedule:																					
	Pr Yr		FY	2001			FY :	2002			FY 2	2003			FY	Y 2004			FY 2	2005	
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1		2	3	4 1	2	3	4
Inputs					15	22															
Outputs					15	22															
		FY 2	2006			FY 2	2007			FY 2	2008			FY	2009			То			Totals
	1	2	3	4	. 1	2	3	4	1	2	3	4	1	2		3	4	Complete			
Inputs																					
Outputs																					
METHOD OF IMPLEME	ENTATION	<b>1</b> :	Contract	or		ADMINIS	STRATIV	VE LEAD	TIME:		15 Month	ıs		PRODU	CTION	LEADTI	ME:	8 Months	S		
Contract Dates:			FY 2002	F	Y2000			FY 2003	Jan	01				FY 2004							
Delivery Date:			FY 2002	F	Y2000			FY 2003	Sep	01				FY 2004							

Date:

June 2001

MODIFICATION TITLE (Cont): HETS Air Conditioning [MOD 10] 1-00-06-0007

	FY 2	2000																		
	and l	Prior	FY :	2001	FY 2	2002	FY 2	2003	FY 2	2004	FY 2	2005	FY 2	2006	FY:	2007	T	'C	ТОТ	ΓAL
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity	37	0.3																		0.3
Installation Kits																				
Installation Kits, Nonrecurring		0.2																		0.2
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other		0.1																		0.1
Interim Contractor Support		0.3																		0.3
Installation of Hardware																				
FY 2000 & Prior Equip Kits	37	0.1																		0.1
FY 2001 Kits																				
FY 2002 Equip Kits																				
FY 2003 Equip Kits																				
FY 2004 Equip Kits																				
FY 2005 Equip Kits																				
FY 2006 Equip Kits																				
FY 2007 Equip Kits																				
TC Equip- Kits																				
Total Installment	37	0.1		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.1
Total Procurement Cost		1.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		1.0
I																				

INDIVIDUAL MODIFICATION	Date:	June 2001

MODIFICATION TITLE: A8020 Fuel Injection Test Stand Upgrade [MOD 11] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: A8020

### DESCRIPTION/JUSTIFICATION:

The Fuel Injection Test Stand (FITS) is a machine to test and recalibrate specific fuel injectors that are a component in diesel engines used in all types of Army vehicles. There is a Congressional mandate to upgrade Model A8020 FITS. The FITS is being upgraded to extend its useful life as projected 10-15 years. The upgrade is necessary due to the obsolescence of key components of the test stand designed with 1980 technology to connect with current known products and software in the trucks.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

Description for Purchase (DFP) Sep 00 - Nov 00 Solicitation - Apr 01 - May 01 1st Article Test - Feb 02

Installation Schedule:																					
	Pr Yr	FY 2001						FY 2003				FY 2004					FY 2005				
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	2 3	3	4 1	2	3	4
Inputs							2	2	3												
Outputs								2	2												
		FY 2	2006		FY 2007				FY 2008					FY 2009				То		T	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	. 3	3 4	1	Complete			
Inputs																					
Outputs																					
METHOD OF IMPLEMENTATION:		V: C/FFP			ADMINISTRATIVE LEAD			TIME: 3 Months					PRODUCTION LEADTIME:								
Contract Dates:	Contract Dates:		FY 2002	J	an 01		FY 2003							FY 2004							
Delivery Date:			FY 2002	J	an 02	FY 2003								FY 2004							

Date:

June 2001

MODIFICATION TITLE (Cont): A8020 Fuel Injection Test Stand Upgrade [MOD 11] 0-00-00-0000

	FY 2000		1																	
	and Prior		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		TC		TOTAL	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity	5	1.0	32	6.0																7.0
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2000 & Prior Equip Kits																				
FY 2001 Kits																				
FY 2002 Equip Kits																				
FY 2003 Equip Kits																				
FY 2004 Equip Kits																				
FY 2005 Equip Kits																				
FY 2006 Equip Kits																				
FY 2007 Equip Kits																				
TC Equip- Kits																				
Total Installment		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
Total Procurement Cost		1.0		6.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		7.0
					_										_					

								INDIVI	DUAL M	ODIFIC	ATION					Date:		June 2001		
MODIFICATION TITLE:	Aluminu	m Mesh I	Liner [MC	DD 12] 0-0	00-00-000	00														
MODELS OF SYSTEM A	FFECTEI	<b>)</b> :																		
DESCRIPTION/JUSTIFIC	ATION:																			
FY01 Congressional	add for	aluminı	um mesl	h liners.																
DEVELOPMENT STATU	S/MAJOF	R DEVEL	OPMEN	Γ MILES	ΓONES:															
Installation Schedule:																				
	Pr Yr Totals	1	FY 2	2001	4	1	FY 2	2002	4	1	FY 2	003	4	1	FY 2		4	1	FY 200	
Inputs	Totais	1		3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3 4
Outputs																				
		EV	2007			FY 2	1007			EV 0	000			EV	1000			То		Totals
	1	FY 2	2006	4	1	FY 2	3	4	1	FY 2	3	4	1	FY 2 2	3	4	C	omplete		1 otais
Inputs																		1		
Outputs																				
METHOD OF IMPLEMEN Contract Dates:	TATION		FY 2002			ADMINI		VE LEAD FY 2003	TIME:	(	) Months			PRODUC FY 2004	TION LE	EADTIM	Е:	0 Months		
Delivery Date:			FY 2002					FY 2003						FY 2004						

# INDIVIDUAL MODIFICATION

Date:

June 2001

MODIFICATION TITLE (Cont): Aluminum Mesh Liner [MOD 12] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY:	2000																		
		Prior	FY 2	2001	FY 2	2002	FY 2	2003	FY 2	2004	FY 2	2005	FY 2	2006	FY 2	2007	Т	°C	TO	ΓAL
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity				7.5																7.5
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2000 & Prior Equip Kits																				
FY 2001 Kits																				
FY 2002 Equip Kits																				
FY 2003 Equip Kits																				
FY 2004 Equip Kits																				
FY 2005 Equip Kits																				
FY 2006 Equip Kits																				
FY 2007 Equip Kits																				
TC Equip- Kits																				
Total Installment		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0
Total Procurement Cost		0.0		7.5		0.0		0.0		0.0		0.0		0.0		0.0		0.0		7.5

Exh	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	D	ate:	J	Tune 2001		
Appropriation/Budget Act Other Procurement, Army /1/7		PPORT VEHICLI	ES			P-1 Item Non ITE		IAN \$5.0M (T <i>A</i>	AC VEH) (DL5	5110)		
Program Elements for Coc	le B Items:			Code: A	Other Relate	ed Program El	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty												
Gross Cost	64.1	1.0	1.6	2.8	1.9							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	64.1	1.0	1.6	2.8	1.9							
Initial Spares												
Total Proc Cost	64.1	1.0	1.6	2.8	1.9							
Flyaway U/C												
Wpn Sys Proc U/C												

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

This equipment consists of various tools and shop sets essential to the maintenance of the Army's Worldwide Tactical Wheeled Vehicle Fleet. These sets include components as small as a screwdriver to as large as an International Standard Organizational (ISO) Shelter. The maintenance equipment and tools have multi-application to the maintenance organization tasked with maintaining tactical and support vehicles. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

## Justification:

FY02 and FY03 funding is required to support automotive common #1 and common #2 tool kit shortages. These Sets, Kits and Outfit's (SKO's) are on every readiness review. These tool sets are critical for units' maintenance of equipment. Other shop equipment that is required for units to properly maintain operations include basic auto repair shop equipment, and fuel and electric repair shop equipment.

Exhi	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet		Date:	J	June 2001		
Appropriation/Budget Activ Other Procurement, Army /1/TA		JPPORT VEHICLI	ES			P-1 Item Non HEA		ORED SEDAN (I	D22100)			
Program Elements for Code	e B Items:			Code: A	Other Relat	ed Program El	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	4 FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty		54	3	6	3							
Gross Cost		5.5	0.6	1.2	0.6							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)		5.5	0.6	1.2	0.6							
Initial Spares												
Total Proc Cost		5.5	0.6	1.2	0.6							
Flyaway U/C	my /1/TACTICAL AND SUPPORT VEHICLES or Code B Items:  Prior Years FY 1999  54  5.5  5.5											
Wpn Sys Proc U/C		0.0	0.0	0.0	0.0							

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

These vehicles are standard commercial design vehicles that are armored in accordance with U.S. State Department guidelines/requirements for either Light Armored Vehicles (LAV) and for Heavy Armored Vehicles (HAV). The degree of armor is in accordance with the nature and degree of threat in the area of use. These vehicles range from sedans to sport utility vehicles and are utilized by high level (General Officer) and visiting dignitaries, who may be seen as terrorist targets. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

#### **Justification:**

FY 02/03 procures armored commercial vehicles to replace overage/over-mileage vehicles, or to fill other urgent armored vehicle requirements that may originate due to U.S. involvement in Outside the Continental United States (OCONUS) operations. All Theatre areas with U.S. Service personnel do an "Area Threat Assessment" each year. This assessment indicates the potential threat to the lives of personnel in those areas and determines the level of degree to which the vehicles should be armored (LAV of HAV) to avoid loss of life to U.S. personnel.

Exh	nibit P-40	, Budge	t Item J	ustifica	tion Sho	eet		Date:	J	June 2001		
Appropriation/Budget Act Other Procurement, Army /1/		PPORT VEHICLI	ES			P-1 Item Non PAS		CARRYING VEI	HICLES (D230	)00)		
Program Elements for Coo	de B Items:			Code: A	Other Relat	ed Program El	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 200	4 FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	67426	27	20	35	29							
Gross Cost	359.7	0.5	0.6	0.7	1.1							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	359.7	0.5	0.6	0.7	1.1							
Initial Spares												
Total Proc Cost	359.7	0.5	0.6	0.7	1.1							
Flyaway U/C					·							
Wpn Sys Proc U/C		0.0	0.0	0.0	0.0							

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

Vehicles are of standard design, intended to provide transportation for Army personnel and family members. Vehicles are procurable from commercial production lines and includes sedans, ambulances, buses, station wagons, and hearses. Passenger Carrying vehicles (primarily sedans) are used for investigation, field intelligence, and security. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

## Justification:

FY 02/03 procures non-tactical vehicles that are urgently required to satisfy priority requirements, fill existing worldwide shortages, and replace overage/over-mileage vehicles. Fielding of sedans, buses and ambulances will alleviate excessive downtime, reduce maintenance and repair costs, and maximize mission capabilities of users (primarily Outside the Continental United States (OCONUS) activities).

Exhi	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	1	Date:	J	June 2001		
Appropriation/Budget Activ Other Procurement, Army /1/TA		JPPORT VEHICLI	ES			P-1 Item Non NO		L VEHICLES, (	OTHER (D300	00)		
Program Elements for Code	B Items:			Code: A	Other Relat	ed Program El	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	63881											
Gross Cost	616.5	16.9	30.0	7.6	5.5							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	616.5	16.9	30.0	7.6	5.5							
Initial Spares												
Total Proc Cost	616.5	16.9	30.0	7.6	5.5							
Flyaway U/C												
Wpn Sys Proc U/C												

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

This line is a roll of Special Purpose Vehicles, General Purpose Vehicles, and the Personnel Carrying Semi-trailer Vans. Special and General Purpose vehicles are used in the direct support of facility engineering, maintenance activities, and used for general administrative use in transporting personnel and cargo. Personnel Carrying Semi-trailer Vans are used for transporting U.S. Military personnel and their equipment to training sites. All vehicles are procurable from commercial sources. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

#### **Justification:**

FY 02/03 procures Non-Tactical Vehicles, needed to fill existing worldwide shortages and to replace unsafe, overage and over mileage, and/or uneconomical to repair Non-Tactical Vehicles. Supplemental funding has been authorized for Weapons of Mass Destruction: \$26,928,000 for FY 00, and \$5,650,000 for FY 01.

Exhi	bit P-40	, Budge	et Item J	ustifica	tion Sho	eet		Date:	J	une 2001		
Appropriation/Budget Activ Other Procurement, Army /1/TA		PPORT VEHICL	ES			P-1 Item Nom SEM		R VAN PERS 80	PASS 7T 2WF	HL (D31500)		
Program Elements for Code	B Items:			Code: A	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty					17							
Gross Cost					3.0							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)					3.0							
Initial Spares												
Total Proc Cost					3.0							
Flyaway U/C												
Wpn Sys Proc U/C					0.0							

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

This Semi-trailer is of standard commercial design and is pulled by a Tractor Truck. It is intended for the transportation of military personnel and their equipment to and from installation training sites. The Personnel Carrying Semi-trailer Van is procurable from commercial sources. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

### Justification:

FY 02/03 procures Personnel Carrying Semi-trailer Vans for Training & Doctrine Command (TRADOC). These Semi-trailers are urgently needed to replace overage, obsolete, extremely poor condition, and potentially unsafe Semi-trailers currently being used to transport military personnel and their equipment to training sites. Total Army Acquisition Objective (AAO) is 86.

Exhi	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	Б	ate:	J	une 2001		
Appropriation/Budget Activ Other Procurement, Army /1/TA		PPORT VEHICLE	ES			P-1 Item Nom GEN		POSE VEHICL	ES (DV0013)			
Program Elements for Code	e B Items:			Code: A	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	48354	27	26	26	26							
Gross Cost	371.0	2.1	1.9	1.0	1.5							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	371.0	2.1	1.9	1.0	1.5							
Initial Spares												
Total Proc Cost	371.0	2.1	1.9	1.0	1.5							
Flyaway U/C												
Wpn Sys Proc U/C		0.0	0.0	0.0	0.0							

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

Vehicles are of standard commercial design, intended primarily for general administrative use in transporting personnel and cargo. Vehicles are procurable from commercial production lines and include light to heavy trucks, such as carryalls, panel trucks, stake trucks, cargo trucks, trailers, semi trailers, fuel servicing tankers, truck tractors and flatbeds. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

### Justification:

FY 02/03 procures General Purpose Vehicles; which are urgently required to satisfy high priority requirements, fill existing worldwide shortages, and replace overage/over mileage vehicles. Carryalls, utility trucks, and cargo trucks are needed at Outside the Continental United States (OCONUS) locations where General Services Administration (GSA) leasing is not available Carryalls are also needed for covert OCONUS activities. Fielding of new General Purpose Vehicles will alleviate excessive downtime, reduce maintenance and repair costs, and provide greater operational safety.

Exh	ibit P-40	, Budge	t Item J	ustifica	tion Sho	eet	D	ate:	J	une 2001		
Appropriation/Budget Act Other Procurement, Army /1/T		PPORT VEHICLE	ES			P-1 Item Non SPE		OSE VEHICLE	S (DV0014)			
Program Elements for Cod	le B Items:			Code:	Other Relate	ed Program Ele	ements:					
	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	To Complete	Total Prog
Proc Qty	15527											
Gross Cost	245.5	14.9	28.1	6.6	0.9							
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	245.5	14.9	28.1	6.6	0.9							
Initial Spares												
Total Proc Cost	245.5	14.9	28.1	6.6	0.9							
Flyaway U/C												
Wpn Sys Proc U/C												

PLEASE NOTE: This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

Vehicles are commercially designed for specialized use in direct support of facility engineering, maintenance and similar activities within an organization. Examples of these vehicles include maintenance trucks; servicing platform trucks, refuse trucks, and other vehicles with mounted equipment. The maintenance on these vehicles is managed by either their age or mileage. This system supports the Legacy-to-Objective transition path of the Transformation Campaign Plan (TCP).

### Justification:

FY 02/03 procures new Special Purpose vehicles, which will provide for greater operational safety, alleviate excessive downtime, reduce maintenance and repair costs and maximize the mission capabilities of users. Most Special Purpose Vehicles are not being converted to General Services Administration (GSA) lease; therefore support to the health and welfare missions of the field must continue to be provided by procurement. All budgeted procurements of non-tactical vehicles are urgently required to satisfy high priority requirements, fill existing worldwide shortages and replace overage/over mileage/substitute vehicles. Service platform, maintenance, and refuse trucks are required to continue the engineering support mission necessary to the operation of posts, camps, and stations worldwide. Supplemental funding has been authorized for the execution of Weapons of Mass Destruction requirement - Unified Command Suites (UCS) and Mobile Analytical Labs (MALS). FY 00 funding totals \$26,928,000 - \$19,822,000 for UCS and \$7,106,000 for MALS. FY 01, Congress has appropriated a total of \$5,650,000 - \$3,784,000 for UCS and \$1,866,000 for MALS.

Exhibit P-5, Weapon OPA1 Cost Analysis		Appropriation/B Other Procuren TACTICAL Al	nent, Army / 1	1/			em Nomenclature URPOSE VEHICLE			Weapon System	Гуре:	Date: June 2	2001
OPA1	ID		FY 00			FY 01			FY 02			FY 03	
<b>Cost Elements</b>	CD	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Special Purpose Vehicles		1207	8	151	961	7	137	926	6	154			
2. Unified Command Suites (UCS)						_							
Material to Complete UCS		13022	17	766	2544	3	848						
Procurement and Equipment Receipt labor		425	17	25	80	3	27						
Integration of Systems		4675	17	275	840	3	280						
Acceptance Testing		850	17	50	160	3	53 27						
Training for Systems		425	17	25	80	3	27						
Management Support (Travel)		425	17	25	80	3	27						
3. Mobile Analytical Labs (MAL)		5440	1.7	220	1.572	2	52.4						
Material/Equipment in support of MALS		5440	17	320 98	1572	3	524 98						
Testing/Delivery/Associated Costs		1666	17	98	294	3	98						
Total		28135			6611			926					

Exhibit P-5a, Budget Procurem  Appropriation/Budget Activity/Serial No: Other Procurement, Army / 1 / TACTICAL AND SUPPOR	,	Weapon Syste	ет Туре:			em Nomeno			une 2001	
VBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail Now?	Date Revsn Avail	RFP Is: Date
1. Special Purpose Vehicles										
FY 2000	Various	MIPR/FP	GSA	Feb 00	Aug 00	8	151	Yes	NA	
FY 2001	TBS	MIPR/FP	GSA	Jan 01	Aug 01	7	137	Yes	NA	
FY 2002	TBS	MIPR/FP	GSA	Jan 02	Aug 02	6	154	Yes	NA	
Material to Complete UCS										
FY 2000	NAVAIRWARCENACDIV Inlgoes, MD	Option	Various	Aug 00	Jun 01	17	766	Yes	NA	
FY 2001	NAVAIRWARCENACDIV Inlgoes, MD	Option	Various	Oct 01	Oct 02	3	848	Yes	NA	
Material/Equipment in support of MALS										
FY 2000	SBCCOM Aberdeen PG, MD	Contract	Various	Aug 00	Jul 01	17	320	Yes	NA	
FY 2001	SBCCOM Aberdeen PG, MD	Contract	Various	Oct 01	Oct 02	3	524	Yes	NA	

REMARKS: Production of 17 MALS has been stopped (FY 00), pending a Program Review of MALS. This review is expected to be completed in Aug 01. The above FY 00 MALS first delivery date is reflective of the original production schedule. FY 00 UCS is not effected by this review.

FY 01 award and first delivery dates, for both MALS and UCS, have been adjusted for this ongoing review. Further adjustment to delivery dates may occur as a result of this Program Review.

	FY 00 / 01 BUDGET	PROL	OUCTION	SCE	IEDUL	E					nclatur POSE		IICLE	S (D	V0014	<b>1</b> )							1	Date:			June	e 2001	Į			
												Fi	scal Y	∕ear (	00									F	`iscal	Year	01					
				S	PROC	ACCEP	BAL	_			Щ					endar									_	Calen	_	_	1			L A
	COST ELEMENTS	M F R	FY	E R V	QTY Each	PRIOR TO 1 OCT	DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
Materi	al to Complete UCS							_																								
		2	FY 00	A	17	0	17											Α										3	2		2	2 10
		2	FY 01	A	3	0	3																									3
Materi	al/Equipment in support of MALS																															
		3	FY 00	A	17	0	17											A											2	3	3	9
		3	FY 01	A	3	0	3																									3
Total					40		40																					3	4	3	5	5 25
								O C T	N O V	D E C	J A N	F E B	M A R	A P R		J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M			PR	ODUCT	ION RATES			M	FR						ADM	4INLE	EAD T	IME			MFR			ТОТА	L	RI	EMAR	KS				
F							REACHED	Nur	nber					Pri	ior 1 O	ct	A	fter 1 C	)ct	Ai	fter 1 (	Oct	A	fter 1	Oct							act types
R	NAME/LOCATION		MIN.		1-8-5	MAX.	D+			INIT	ΊAL																	erefore ad tin			n rate	es and
Ш										REO	RDER															Pro	ducti	on of	17 M	ALS I		
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Ш										REO	RDER																	, -			. •	J

FY 02 / 03 BUDGET PRODUCTION SCHEDULE											P-1 Item Nomenclature: SPECIAL PURPOSE VEHICLES (DV0014)													Date: June 2001								
			FY	S E R V	PROC QTY Each	ACCEP PRIOR TO 1 OCT				Fiscal Year 02 Fiscal Year 03										03	3											
		M F R					BAL			+							ar Year 02										Calendar Year 03					L A
	COST ELEMENTS						DUE AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	T E R
Mate	erial to Complete UCS																															
		2	FY 00	A	17	7	10	2		2	2		2	2																		0
		2	FY 01	A	3	0	3	A												1	1	1										0
Mate	erial/Equipment in support of MALS																															
		3	FY 00	A	17	8	9	3	3	3																						0
		3	FY 01	A	3	0	3	Α												1	1	1										0
Tota	ıl				40	15	25	5	3	5	2		2	2						2	2	2										
								O C T	N O V	D E C	J A N	F E B	M A R	A P R	Α	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M			PRODUCTION RATES					M	FR					ADMINLE <i>A</i>			AD TIME			MFR			TOTAL			REMARKS						
F						REACHED	Nun	nber					Prior 1 Oct		ct	After 1 Oct			After 1 Oct			After 1 Oct		Various contractors and contra								
R	. NAME/LOCATION		MIN.		1-8-5	MAX.	D+			INITIAL																exist, therefore production rates a admin lead times vary.				es and		
										REO	RDER															Pro	ducti	on of	17 M	IALS		
										INIT	ΊAL																	(FY 0				
Щ										REO	RDER															M2 01	ALS/U	JCS h to a P	as be rogra	en de am Re	iayed view	(FY of
Щ									I	INIT	IAL															M	ALS.	This 1	reviev	w is e	xpect	ed to be
Щ											REORDER														completed in Aug 01. The above FY 00 MALS schedule is reflective of the							
Щ										INIT																						
Щ										REORDER											original schedule. FY 01 award & production dates have been adjust for this ongoing review. This Pro						justed					
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End of P&R Forms Report
Who: System Admin When: 09-Jul-01 01:27 PM